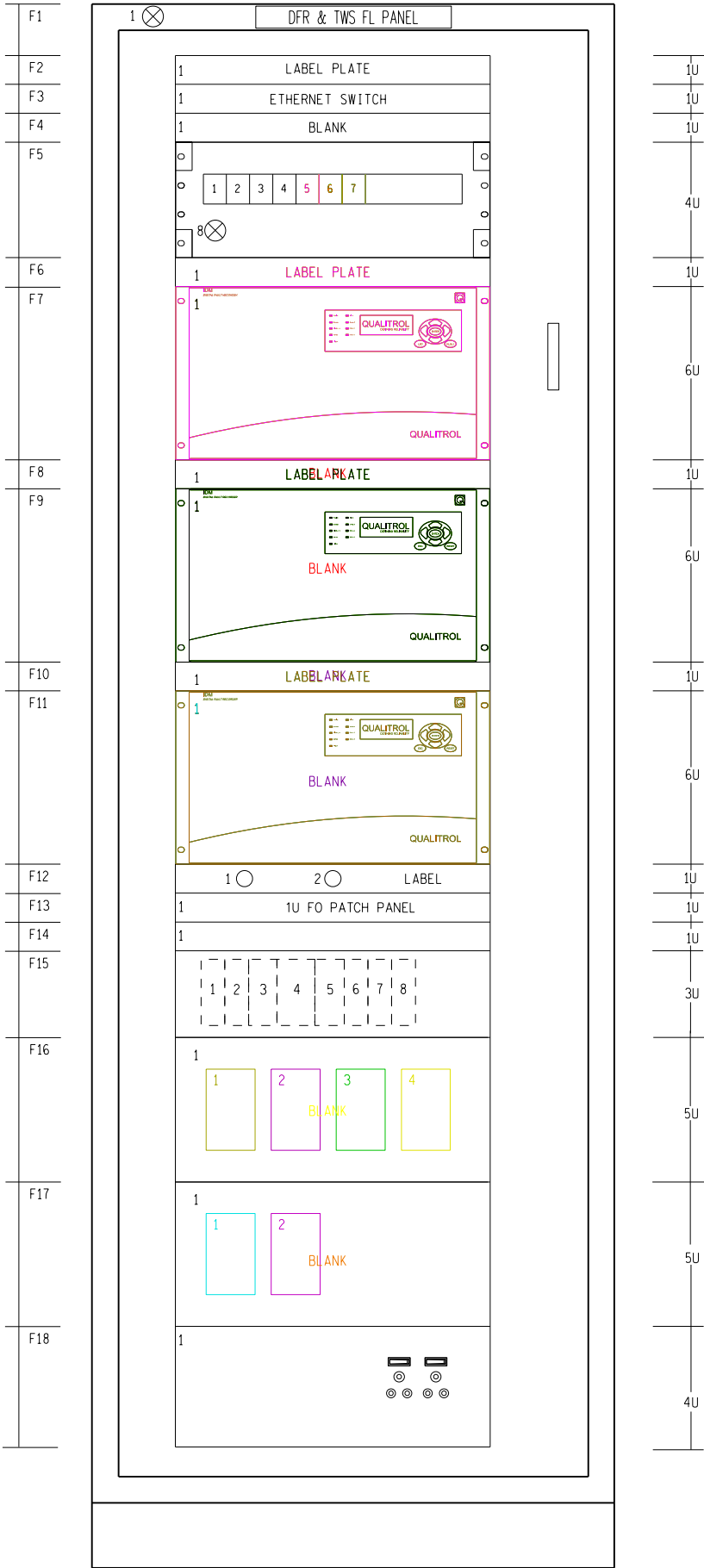


FRONT VIEW

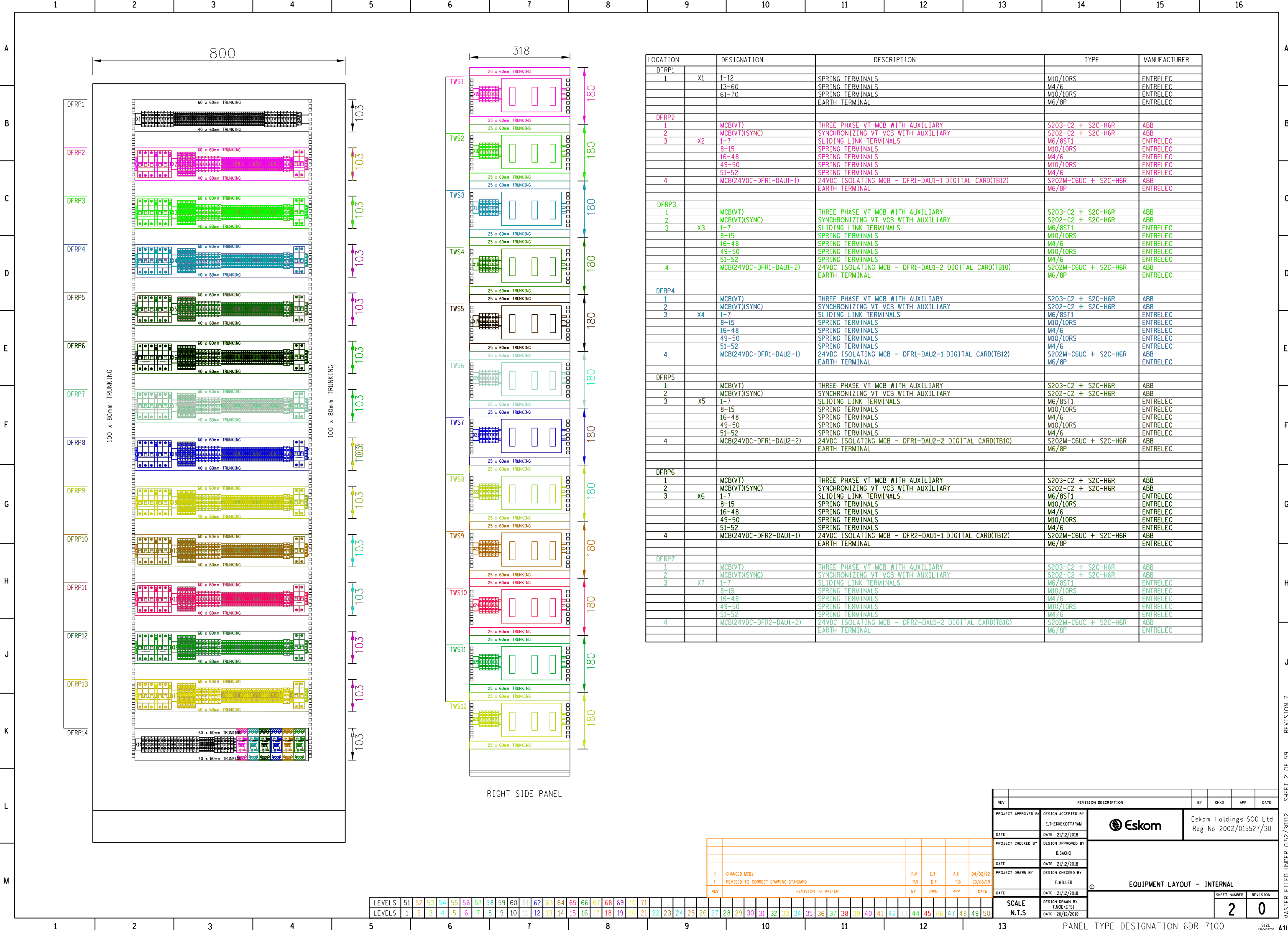


NOTE
1. 1U = 44,45mm

LOCATION	DESIGNATION	DESCRIPTION	TYPE	MANUFACTURER
FRONT VIEW				
F1	1	PNH	PANEL NOT HEALTHY (RED)	KRE-222(230VAC)
F2	1			PROMAR
F3	1	ETHSW	ETHERNET SWITCH	RSG2100
F4	1		BLANKING PLATE	PROMAR
F5	1	MCB(AC)	230VAC SUPPLY MCB (10AMP)	S202-C10
	2	DCI(M1)	MAIN 1 DC ISOLATING MCB (10AMP)	S202M-C10UC +S2C-H6R
	3	DCI(M2)	MAIN 2 DC ISOLATING MCB (10AMP)	S202M-C10UC +S2C-H6R
	4	DCI(ETHSW)	ETHERNET SWITCH DC ISOLATING MCB (6AMP)	S202M-C6UC +S2C-H6R
	5	DCI(DFR1)	DFR 1 DC ISOLATING MCB (6AMP)	S202M-C6UC +S2C-H6R
	6	DCI(DFR2)	DFR 2 DC ISOLATING MCB (6AMP)	S202M-C6UC +S2C-H6R
	7	DCI(DFR3)	DFR 3 DC ISOLATING MCB (6AMP)	S202M-C6UC +S2C-H6R
	8	LCPB	LAMP CHECK PUSH BUTTON (BLACK)	MP1-10B/MCBH-20
F6	1			
F7	1	DFR1	DIGITAL FAULT RECORDER & TWS FAULT LOCATOR 1	IDM+
F8	1			
F9	1	DFR2	DIGITAL FAULT RECORDER & TWS FAULT LOCATOR 2	IDM+
F10	1			
F11	1	DFR3	DIGITAL FAULT RECORDER & TWS FAULT LOCATOR 3	IDM+
F12	1	ETH1	RJ45 ETHERNET PORT 1 FOR ENGINEERING ACCESS	
	2	ETH2	RJ45 ETHERNET PORT 2 FOR ENGINEERING ACCESS (SPARE)	
F13	1	FPP	FIBER PATCH PANEL	ISTE-304003
F14	1		BLANKING PLATE	PROMAR
F15	1	ACF(SCHEME)	SCHEME AC FAIL RELAY	60.13.8.230.0040
	2	DCF(SS)	SECURE SUPPLY DC FAIL RELAY	60.13.9.220.0040
	3	SSR	SECURE SUPPLY RELAY	RF4 (200V/10A)
	4	DUI	DIODE UNIT 1	4-WAY TRIPPING
	5	DC/DC	DC/DC CONVERTER	ML60.242
	6	24VDC FAIL	24VDC FAIL RELAY	60.13.9.024.0040
	7	ETHSWF	ETHERNET SWITCH FAIL RELAY	60.13.9.220.0040
	8	DCM	DC MONITOR RELAY	CM.ESS1
F16	1	CTTB1-1	*HVCURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	2	CTTB1-2	*MV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	3	CTTB2-1	*HV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	4	CTTB2-2	*MV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	5	CTTB3-1	*HV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	6	CTTB3-2	*MV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	7	CTTB4-1	*HV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	8	CTTB4-2	*MV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
F17	1	CTTB5-1	*HVCURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	2	CTTB5-2	*MV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	3	CTTB6-1	*HV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
	4	CTTB6-2	*MV CURRENT TRANSFORMER TEST BLOCK	FTLP08015AD-SL17F-1523
F18	1	PLUG SOCKET	DOUBLE AC PLUG SOCKET (16AMP)	ACDC DYNAMICS

*NOTE:
LABELS ON CT TEST BLOCKS TO SHOW ACTUAL BAY ALLOCATION

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
1	CHANGED MCBs & ADDED RJ45 PORTS ON SCHEME FRONT PANEL	R.V	E.T	A.X	04/02/22
2	LEVELS 68 AND 69 ACTIVATED	R.V	E.T	T.B	04/10/19
3	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
4	REVISION TO MASTER	BY	CHKD	APP	DATE
1	DESIGN APPROVED BY	DESIGN ACCEPTED BY	DATE	21/12/2018	
2	DESIGN CHECKED BY	DATE	21/12/2018		
3	DESIGN DRAWN BY	DATE	21/12/2018		
4	DESIGN CHECKED BY	DATE	21/12/2018		
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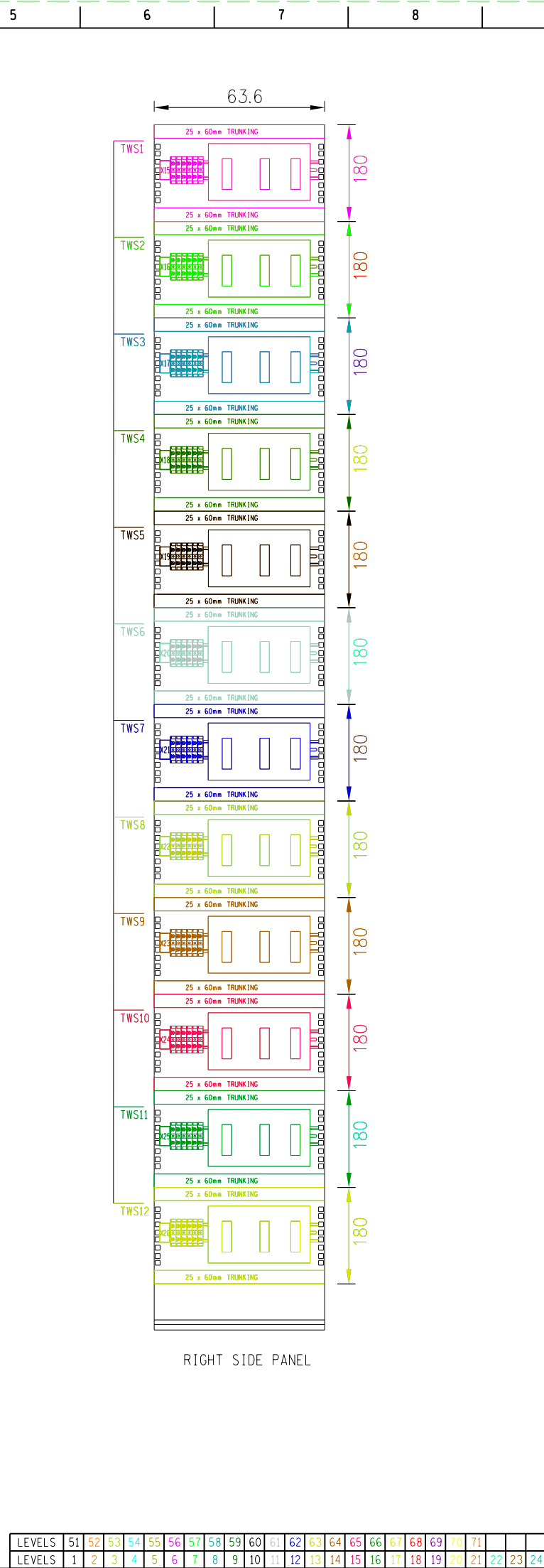


LOCATION		DESIGNATION	DESCRIPTION	TYPE	MANUFACTURER
DFRP1	1	X1	1-12	SPRING TERMINALS	M10/10RS
			13-60	SPRING TERMINALS	M4/6
			61-70	SPRING TERMINALS	M10/10RS
				EARTH TERMINAL	M6/8P
DFRP2	1	X2	MCB(VT)	THREE PHASE VT MCB WITH AUXILIARY	S203-C2 + S2C-H6R
			MCB(VT)(SYNC)	SYNCHRONIZING VT MCB WITH AUXILIARY	S202-C2 + S2C-H6R
			1-7	SLIDING LINK TERMINALS	M6/8ST1
			8-15	SPRING TERMINALS	M10/10RS
DFRP3	1	X3	16-48	SPRING TERMINALS	M4/6
			49-50	SPRING TERMINALS	M10/10RS
			51-52	SPRING TERMINALS	M4/6
			MCB(24VDC-DFR1-DAU1-1)	24VDC ISOLATING MCB - DFR1-DAU1-1 DIGITAL CARD(TB12)	S202M-C6UC + S2C-H6R
DFRP4	1	X4		EARTH TERMINAL	M6/8P
			MCB(VT)	THREE PHASE VT MCB WITH AUXILIARY	S203-C2 + S2C-H6R
			MCB(VT)(SYNC)	SYNCHRONIZING VT MCB WITH AUXILIARY	S202-C2 + S2C-H6R
			1-7	SLIDING LINK TERMINALS	M6/8ST1
DFRP5	1	X5	8-15	SPRING TERMINALS	M10/10RS
			16-48	SPRING TERMINALS	M4/6
			49-50	SPRING TERMINALS	M10/10RS
			51-52	SPRING TERMINALS	M4/6
DFRP6	1	X6	MCB(24VDC-DFR1-DAU2-1)	24VDC ISOLATING MCB - DFR1-DAU2-1 DIGITAL CARD(TB12)	S202M-C6UC + S2C-H6R
				EARTH TERMINAL	M6/8P
			MCB(VT)	THREE PHASE VT MCB WITH AUXILIARY	S203-C2 + S2C-H6R
			MCB(VT)(SYNC)	SYNCHRONIZING VT MCB WITH AUXILIARY	S202-C2 + S2C-H6R
DFRP7	1	X7	1-7	SLIDING LINK TERMINALS	M6/8ST1
			8-15	SPRING TERMINALS	M10/10RS
			16-48	SPRING TERMINALS	M4/6
			49-50	SPRING TERMINALS	M10/10RS
DFRP8	1	X8	51-52	SPRING TERMINALS	M4/6
			MCB(24VDC-DFR2-DAU1-1)	24VDC ISOLATING MCB - DFR2-DAU1-1 DIGITAL CARD(TB12)	S202M-C6UC + S2C-H6R
				EARTH TERMINAL	M6/8P
			MCB(VT)	THREE PHASE VT MCB WITH AUXILIARY	S203-C2 + S2C-H6R
DFRP9	1	X9	MCB(VT)(SYNC)	SYNCHRONIZING VT MCB WITH AUXILIARY	S202-C2 + S2C-H6R
			1-7	SLIDING LINK TERMINALS	M6/8ST1
			8-15	SPRING TERMINALS	M10/10RS
			16-48	SPRING TERMINALS	M4/6
DFRP10	1	X10	49-50	SPRING TERMINALS	M10/10RS
			51-52	SPRING TERMINALS	M4/6
			MCB(24VDC-DFR2-DAU1-2)	24VDC ISOLATING MCB - DFR2-DAU1-2 DIGITAL CARD(TB10)	S202M-C6UC + S2C-H6R
				EARTH TERMINAL	M6/8P
DFRP11	1	X11	MCB(VT)	THREE PHASE VT MCB WITH AUXILIARY	S203-C2 + S2C-H6R
			MCB(VT)(SYNC)	SYNCHRONIZING VT MCB WITH AUXILIARY	S202-C2 + S2C-H6R
			1-7	SLIDING LINK TERMINALS	M6/8ST1
			8-15	SPRING TERMINALS	M10/10RS
DFRP12	1	X12	16-48	SPRING TERMINALS	M4/6
			49-50	SPRING TERMINALS	M10/10RS
			51-52	SPRING TERMINALS	M4/6
			MCB(24VDC-DFR2-DAU1-2)	24VDC ISOLATING MCB - DFR2-DAU1-2 DIGITAL CARD(TB10)	S202M-C6UC + S2C-H6R
DFRP13	1	X13		EARTH TERMINAL	M6/8P
			MCB(VT)	THREE PHASE VT MCB WITH AUXILIARY	S203-C2 + S2C-H6R
			MCB(VT)(SYNC)	SYNCHRONIZING VT MCB WITH AUXILIARY	S202-C2 + S2C-H6R
			1-7	SLIDING LINK TERMINALS	M6/8ST1
DFRP14	1	X14	8-15	SPRING TERMINALS	M10/10RS
			16-48	SPRING TERMINALS	M4/6
			49-50	SPRING TERMINALS	M10/10RS
			51-52	SPRING TERMINALS	M4/6

LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

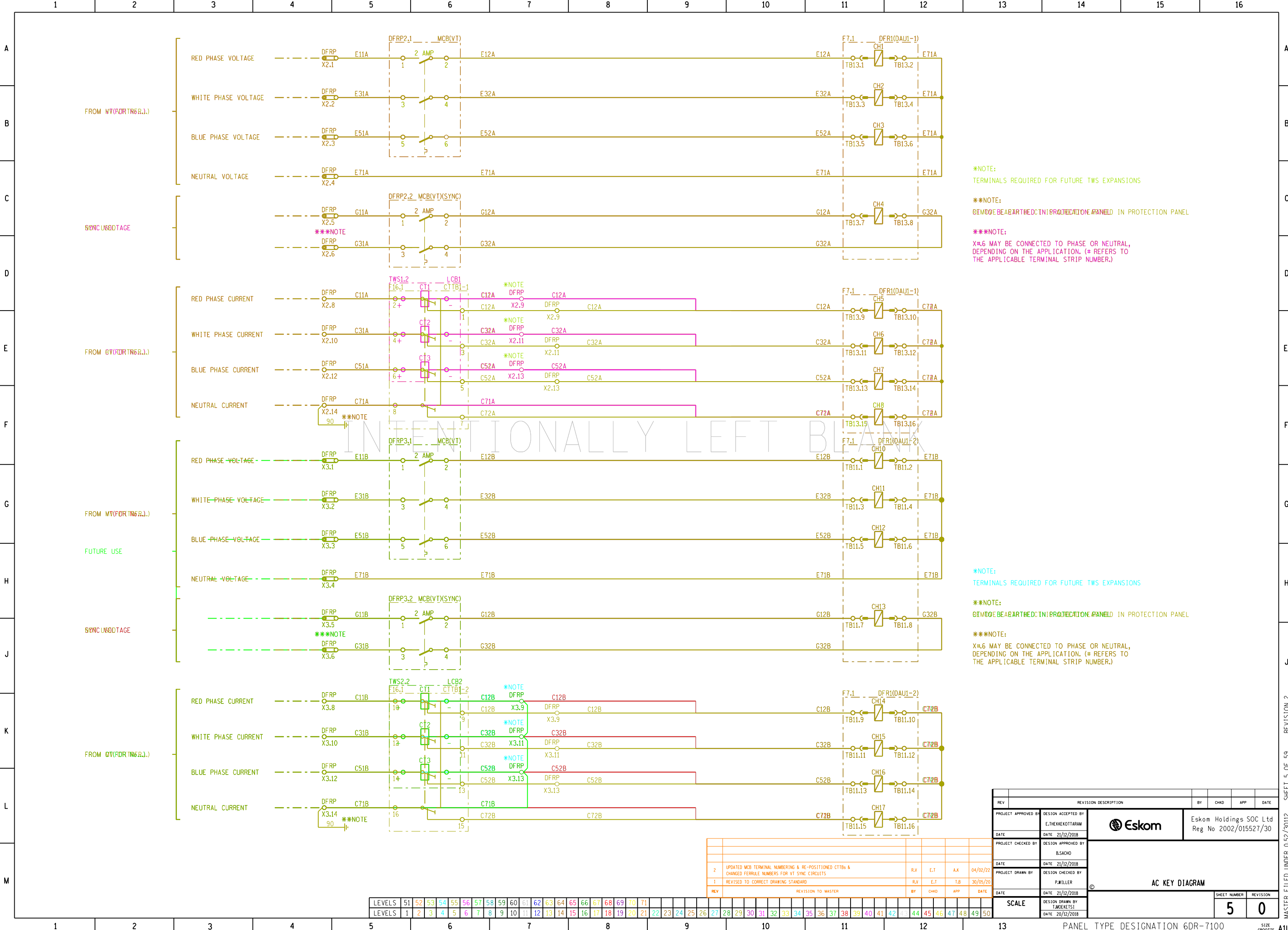
REV	REVISION TO MASTER	BY	CHKD	APP	DATE
2	CHANGED MCBs	R.V	E.T	A.K	04/02/22
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19

REV	REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY		DESIGN ACCEPTED BY	 Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE		DATE				
PROJECT CHECKED BY		DESIGN APPROVED BY	EQUIPMENT LAYOUT - INTERNAL			
DATE		DATE				
PROJECT DRAWN BY		DESIGN CHECKED BY	SCALE N.T.S			
DATE		DATE				
DESIGN DRAWN BY		DATE	SHEET NUMBER		REVISION	
DATE		DATE	2		0	



LOCATION		DESIGNATION	DESCRIPTION	TYPE	MANUFACTURER
TWS1	X15	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB1	TWS 1 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS2	X16	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB2	TWS 2 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS3	X17	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB3	TWS 3 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS4	X18	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB4	TWS 4 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS5	X19	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB5	TWS 5 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS6	X20	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB6	TWS 6 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS7	X21	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB7	TWS 7 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS8	X22	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB8	TWS 8 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS9	X23	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB9	TWS 9 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS10	X24	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB10	TWS 10 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS11	X25	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB11	TWS 11 LINEAR COUPLER CT BOARD	PCB	QUALITROL
TWS12	X26	1-6	SPRING TERMINALS	M10/10RS	ENTRELEC
2		LCB12	TWS 12 LINEAR COUPLER CT BOARD	PCB	QUALITROL

[illegible]



*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

**NOTE:
REMOVE BEAR THE CT IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL,
DEPENDING ON THE APPLICATION. (# REFERS TO
THE APPLICABLE TERMINAL STRIP NUMBER.)

*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

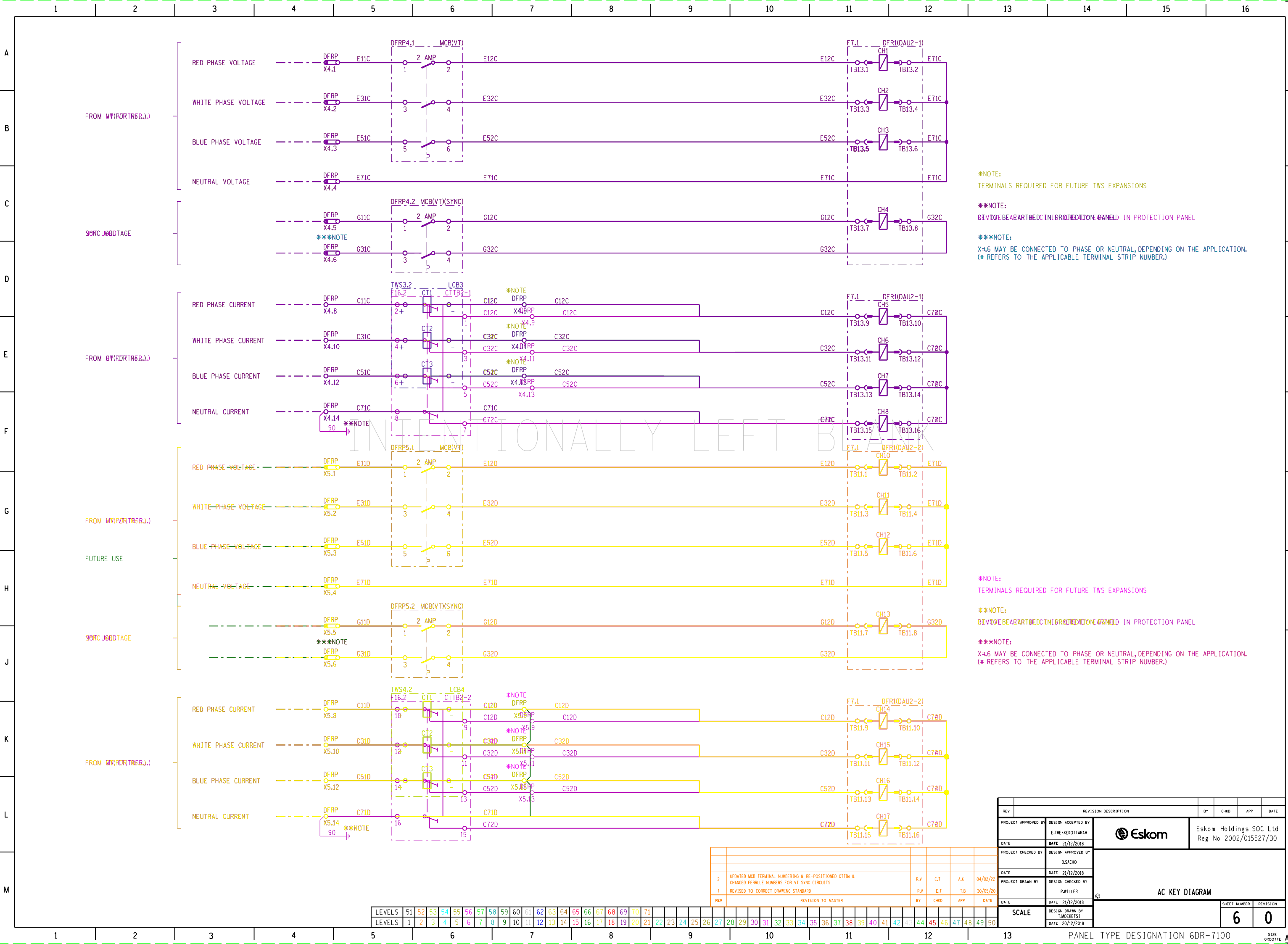
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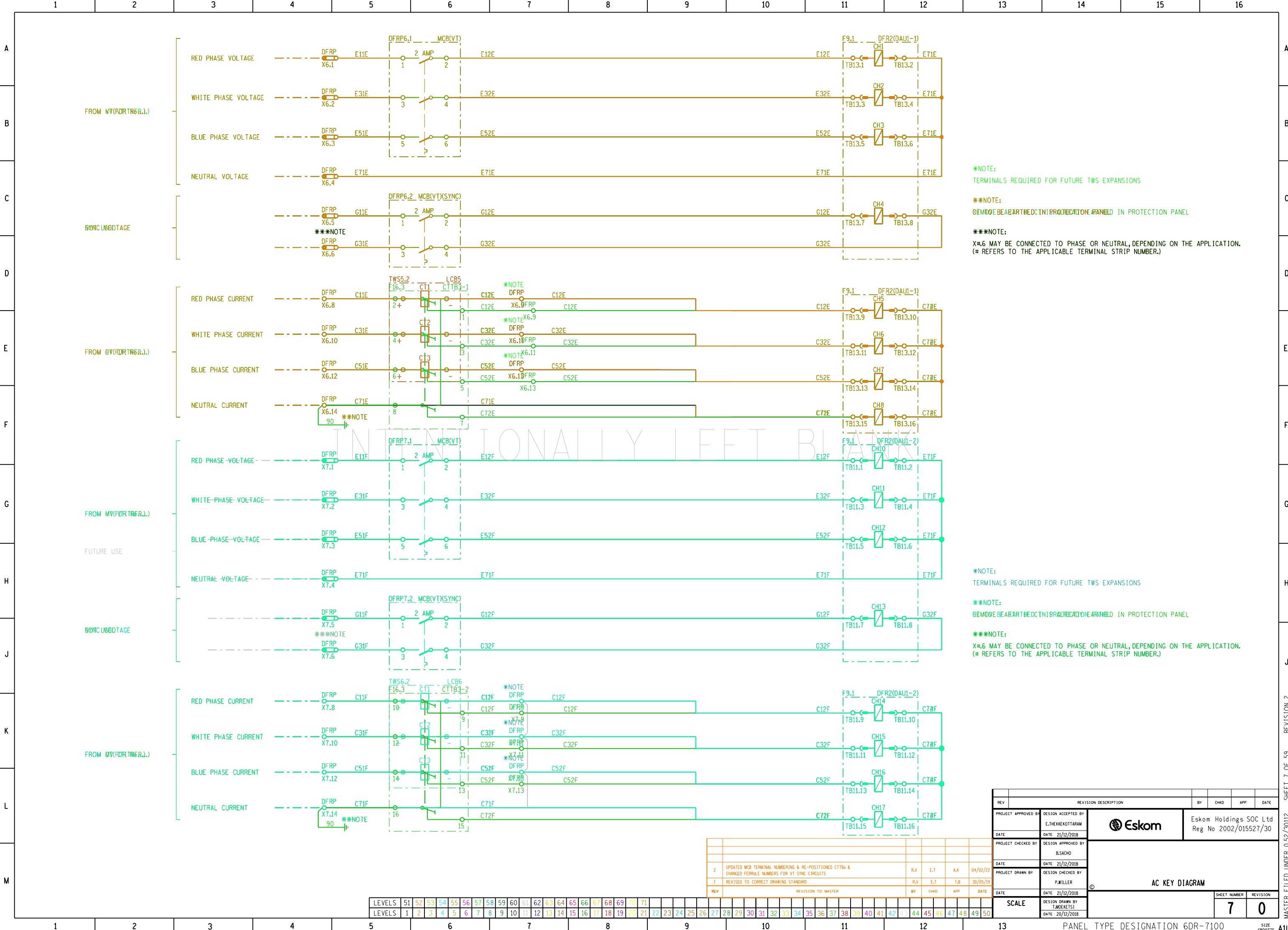
***NOTE:
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DEPENDING ON THE APPLICATION. (# REFERS TO
THE APPLICABLE TERMINAL STRIP NUMBER.)

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
2	UPDATED MCB TERMINAL NUMBERING & RE-POSITIONED CT TBs & CHANGED FERRULE NUMBERS FOR VT SYNC CIRCUITS	R.V	E.T	A.K	04/02/22
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/20
REVISION TO MASTER					

REV	REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY		DESIGN ACCEPTED BY	 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30	
		E.THEKKEKOTARAM				
DATE	DATE 21/12/2018					
PROJECT CHECKED BY		DESIGN APPROVED BY				
		B.SACHO				
DATE	DATE 21/12/2018					
PROJECT DRAWN BY		DESIGN CHECKED BY	AC KEY DIAGRAM			
		P.WILLER				
DATE	DATE 21/12/2018					
SCALE		DESIGN DRAWN BY				
		T.MOKEKETS!	SHEET NUMBER			
		DATE 20/12/2018				
			REVISION			

LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50





*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

**NOTE:
REMOVE BEARING THE CT IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(# REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

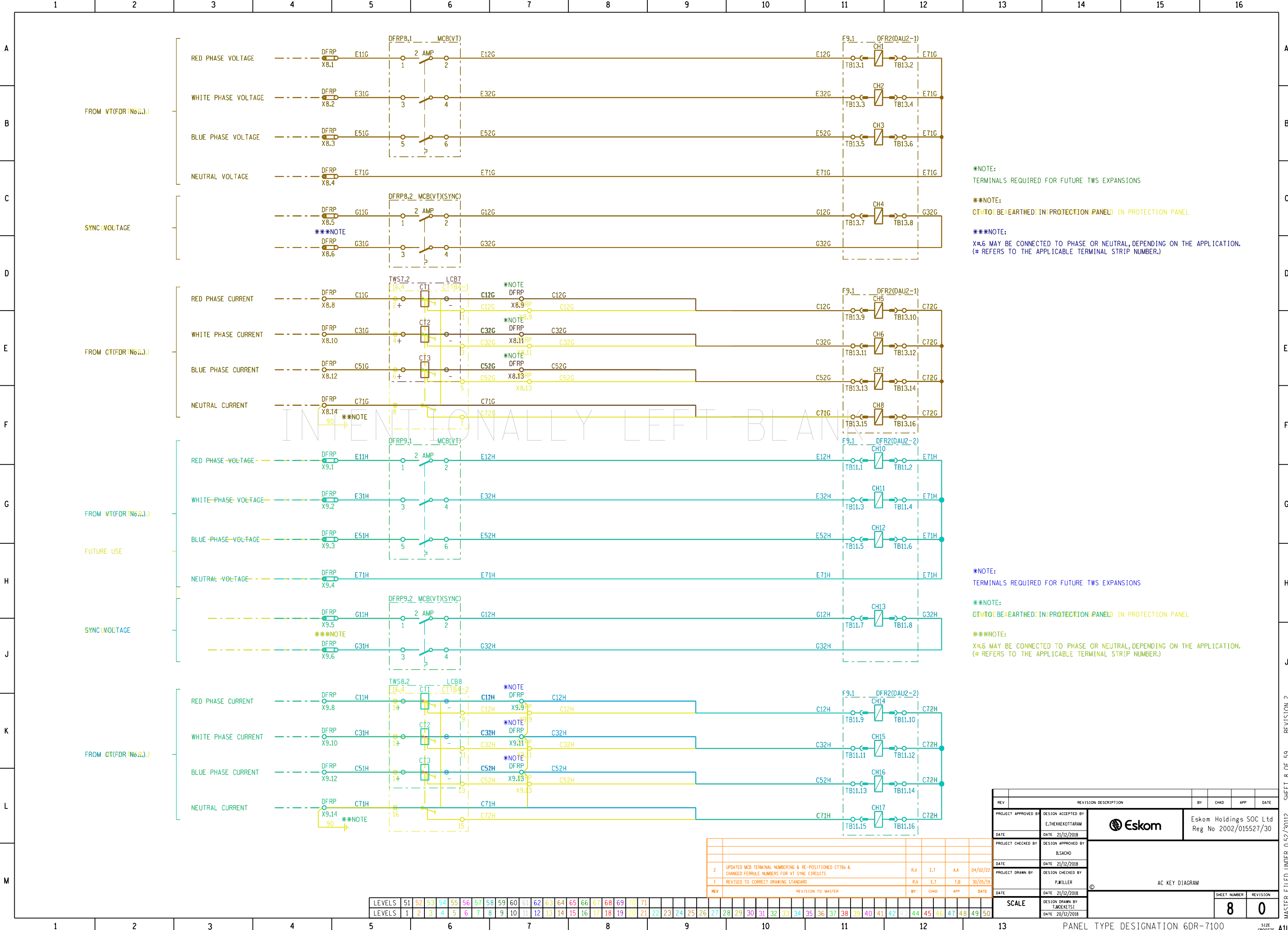
**NOTE:
REMOVE BEARING THE CT IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(# REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
2	UPDATED MCB TERMINAL NUMBERING & RE-POSITIONED CT TBs & CHANGED FERRULE NUMBERS FOR VT SYNC CIRCUITS	R.V	E.T	A.K	04/02/22
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
REVISION TO MASTER					

LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED BY	DESIGN APPROVED BY	AC KEY DIAGRAM			
DATE	DATE				
PROJECT DRAWN BY	DESIGN CHECKED BY	SCALE			
DATE	DATE				
SHEET NUMBER 7 REVISION 0					



*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

**NOTE:
GIMTOE BEA EARTHED IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(* REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

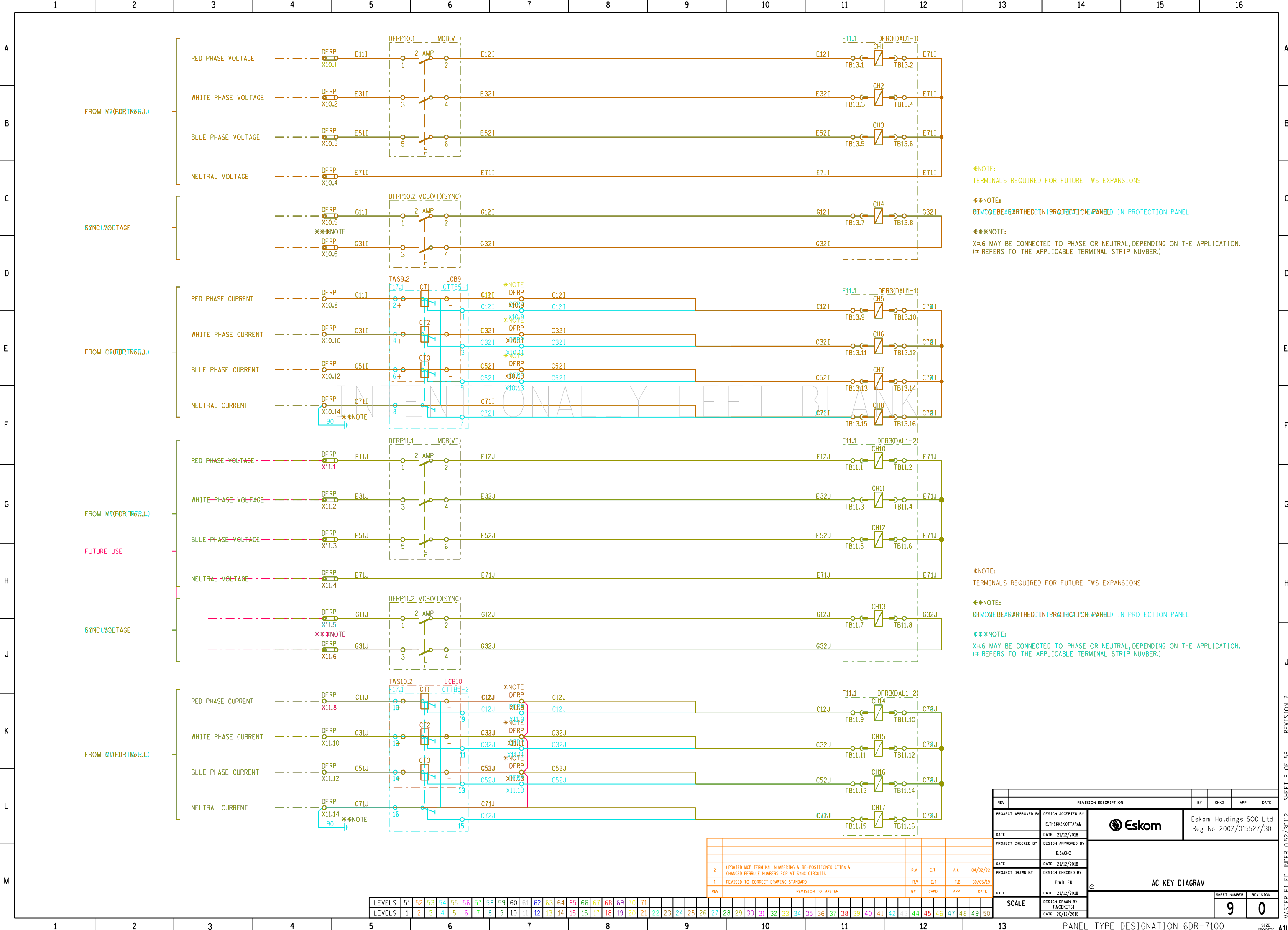
**NOTE:
GIMTOE BEA EARTHED IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(* REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
2	UPDATED MCB TERMINAL NUMBERING & RE-POSITIONED CT TBs & CHANGED FERRULE NUMBERS FOR VT SYNC CIRCUITS	R.V	E.T	A.K	04/02/22
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
REV	REVISION TO MASTER	BY	CHKD	APP	DATE

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED BY	DESIGN APPROVED BY	AC KEY DIAGRAM			
DATE	DATE				
PROJECT DRAWN BY	DESIGN CHECKED BY	SCALE			
DATE	DATE				
DESIGN DRAWN BY	DATE	SHEET NUMBER			
DATE	DATE	REVISION			
		80			

LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50



*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

**NOTE:
GIMTO BE EARTHED IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(# REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

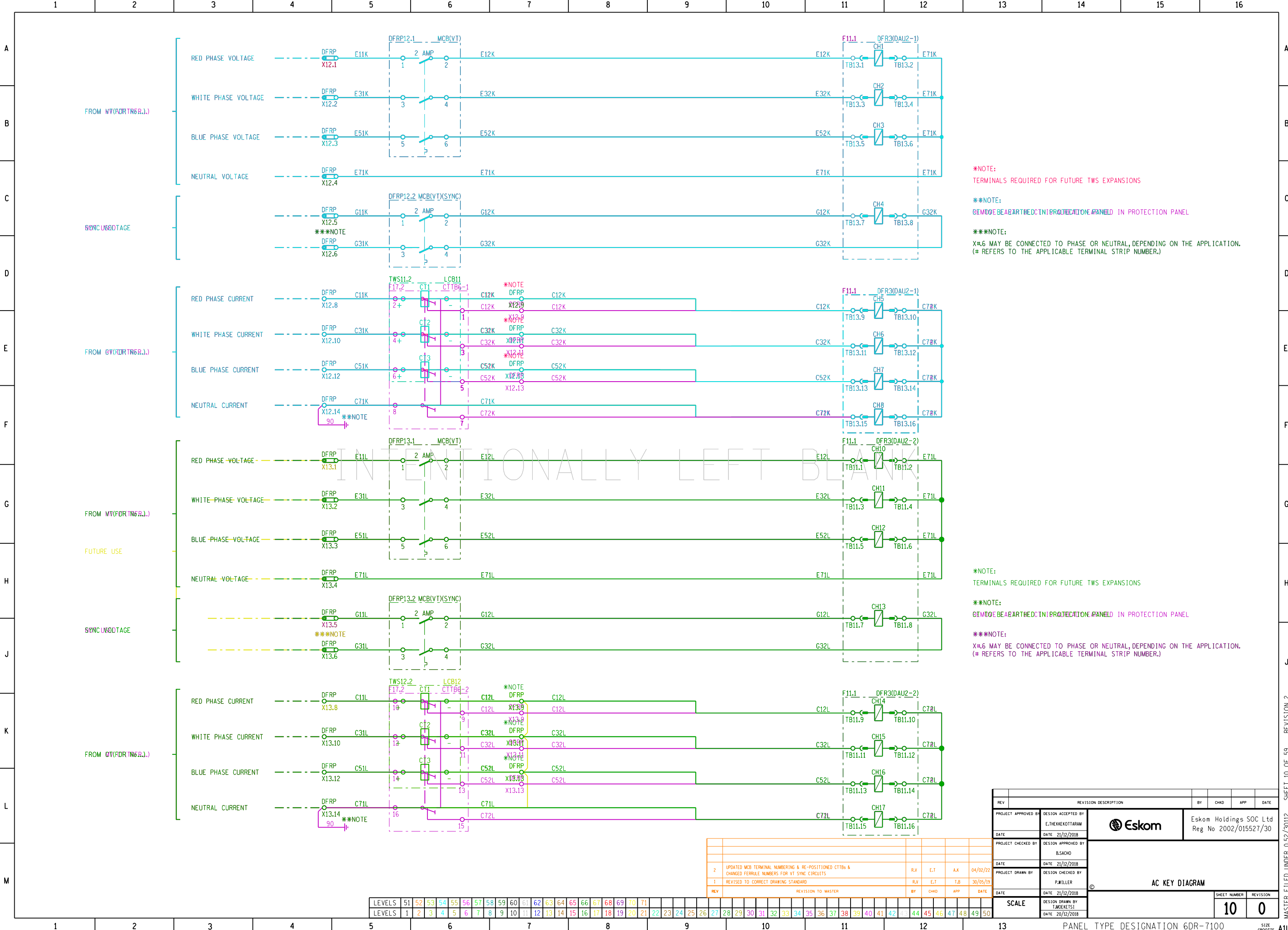
**NOTE:
GIMTO BE EARTHED IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(# REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
2	UPDATED MCB TERMINAL NUMBERING & RE-POSITIONED CT TBs & CHANGED FERRULE NUMBERS FOR VT SYNC CIRCUITS	R.V	E.T	A.K	04/02/22
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
REVISION TO MASTER					

REV		REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY		DESIGN ACCEPTED BY		 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30	
DATE		DATE: 21/12/2018					
PROJECT CHECKED BY		DESIGN APPROVED BY		AC KEY DIAGRAM			
DATE		DATE: 21/12/2018					
PROJECT DRAWN BY		DESIGN CHECKED BY		SCALE			
DATE		DATE: 21/12/2018					
DESIGN DRAWN BY		DESIGN CHECKED BY		SHEET NUMBER		REVISION	
DATE: 20/12/2018				9		0	

LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50



*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

**NOTE:
GIMDOE BE ABARTHED CT IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(* REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

*NOTE:
TERMINALS REQUIRED FOR FUTURE TWS EXPANSIONS

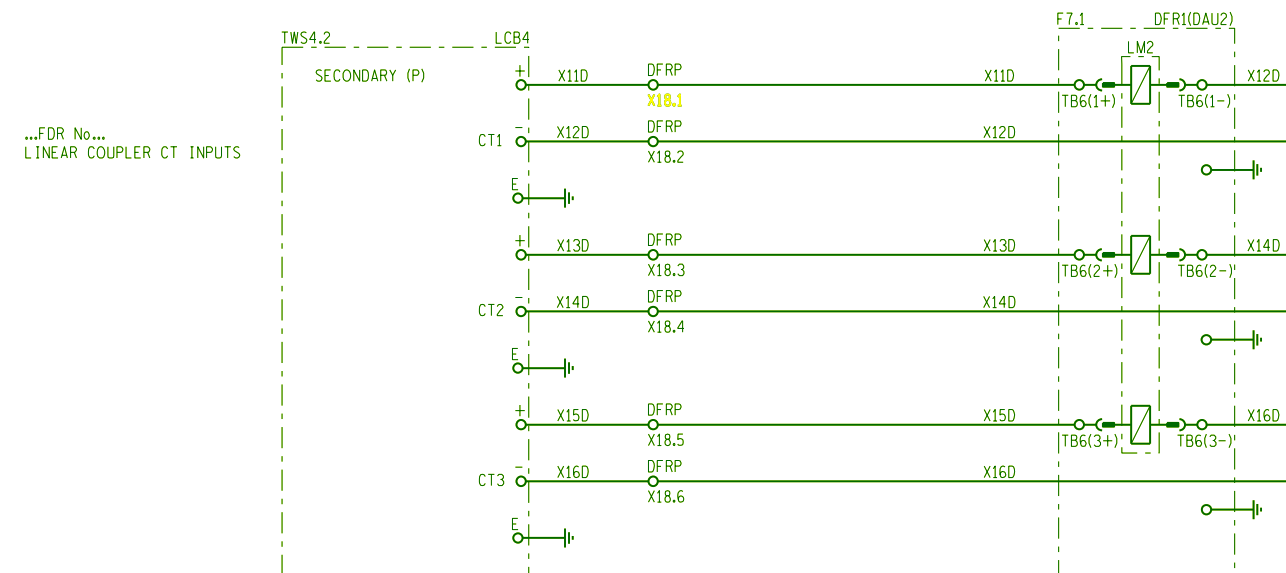
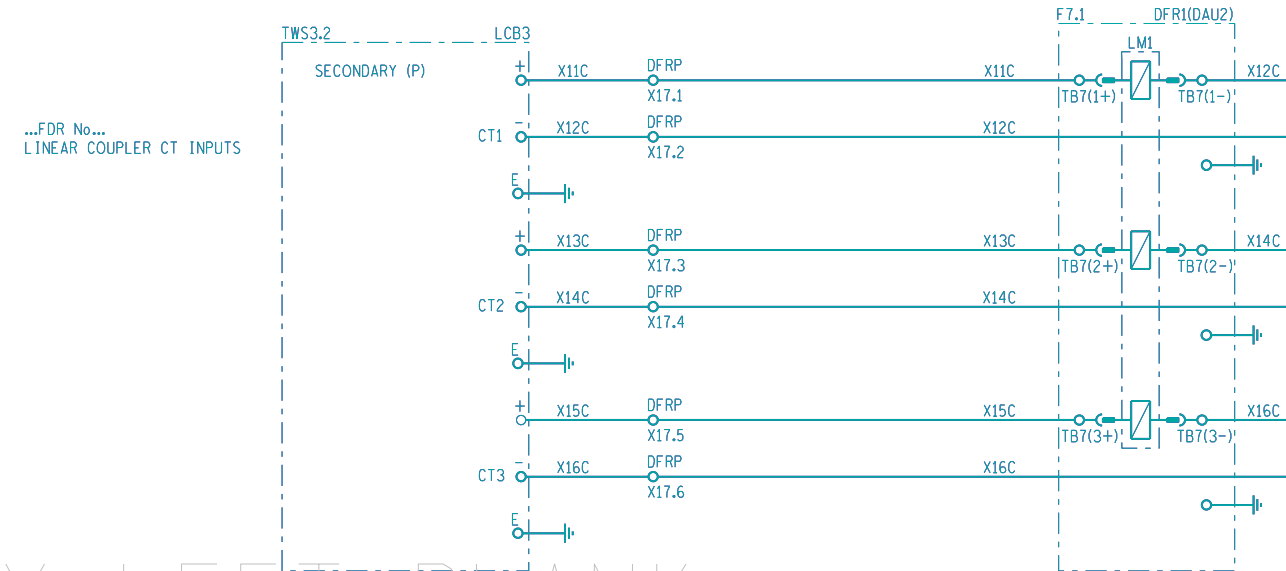
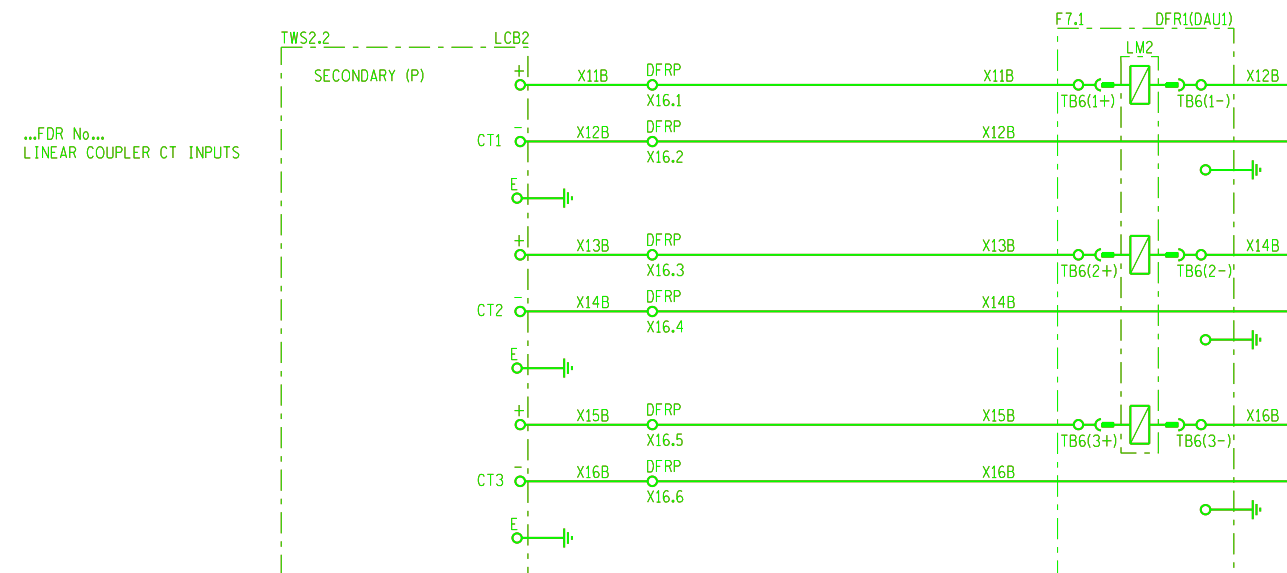
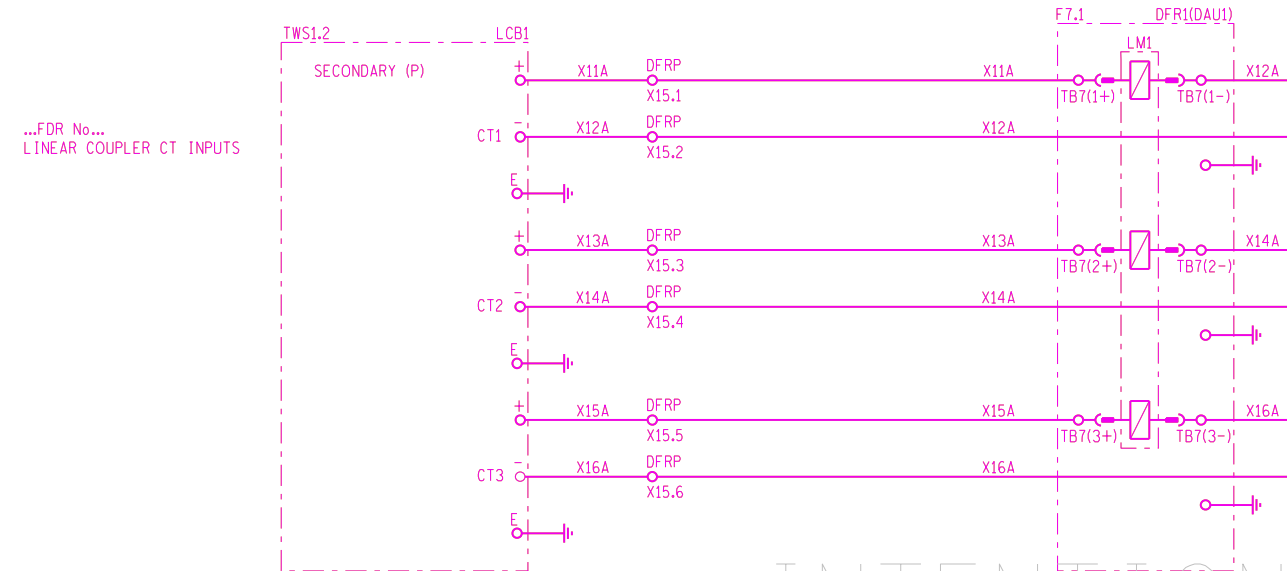
**NOTE:
GIMDOE BE ABARTHED CT IN PROTECTION PANEL IN PROTECTION PANEL

***NOTE:
X#6 MAY BE CONNECTED TO PHASE OR NEUTRAL, DEPENDING ON THE APPLICATION.
(* REFERS TO THE APPLICABLE TERMINAL STRIP NUMBER.)

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
2	UPDATED MCB TERMINAL NUMBERING & RE-POSITIONED CT TBs & CHANGED FERRULE NUMBERS FOR VT SYNC CIRCUITS	R.V	E.T	A.K	04/02/22
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
REVISION TO MASTER					

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED BY	DESIGN APPROVED BY	AC KEY DIAGRAM			
DATE	DATE				
PROJECT DRAWN BY	DESIGN CHECKED BY	SCALE			
DATE	DATE				
DESIGN DRAWN BY	DATE	SHEET NUMBER			
				10	0

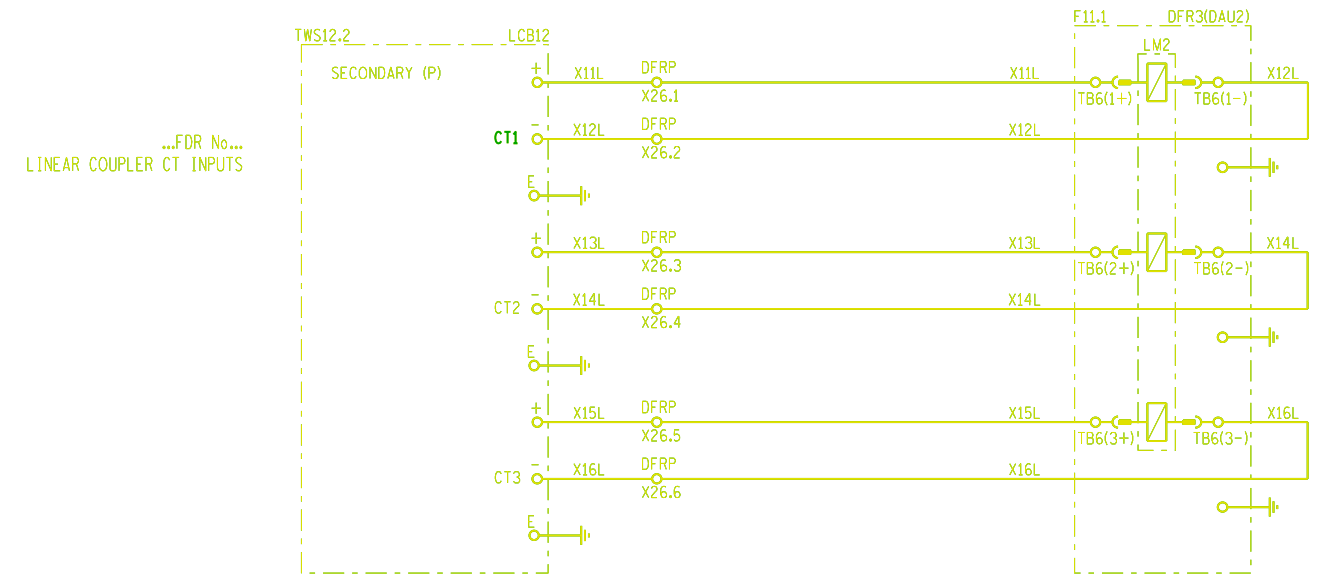
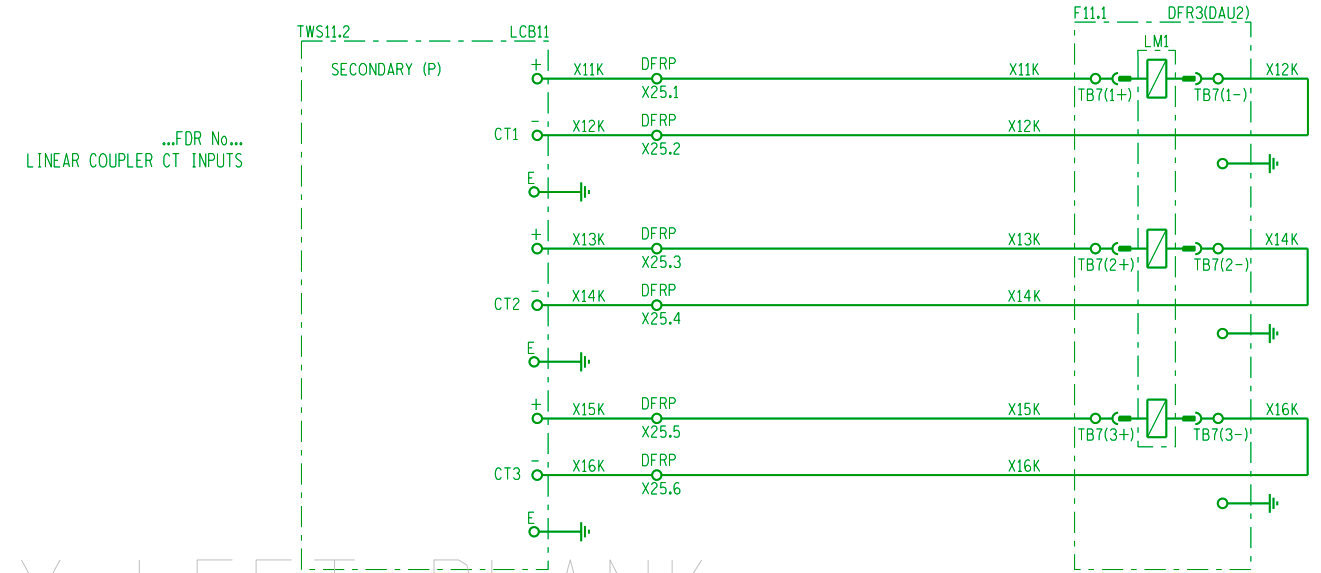
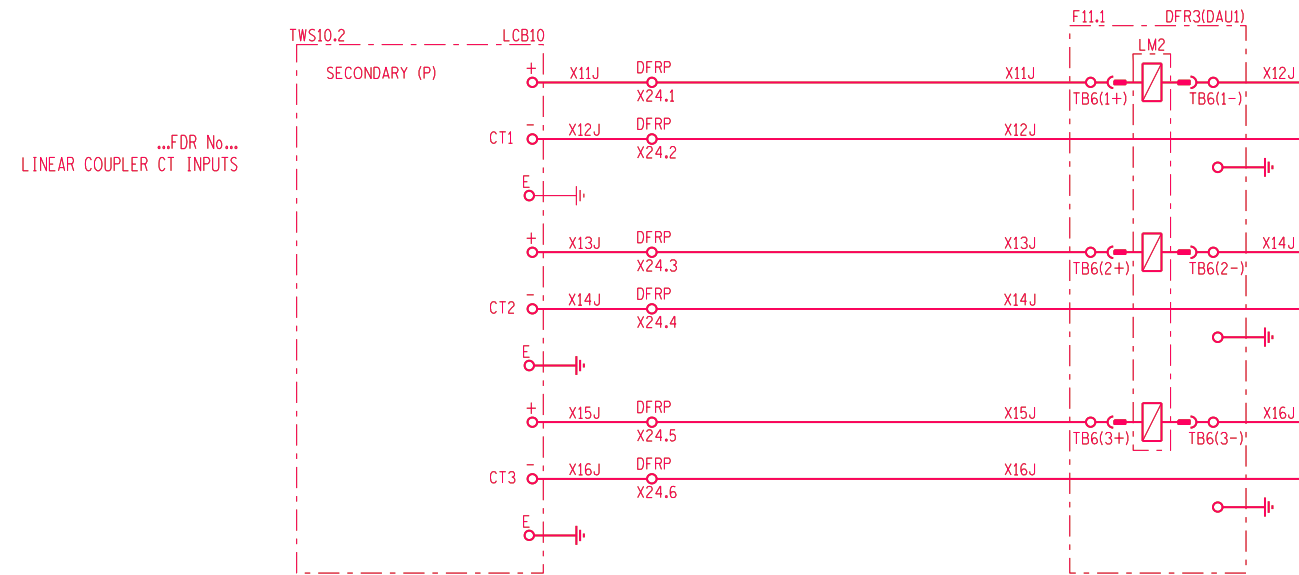
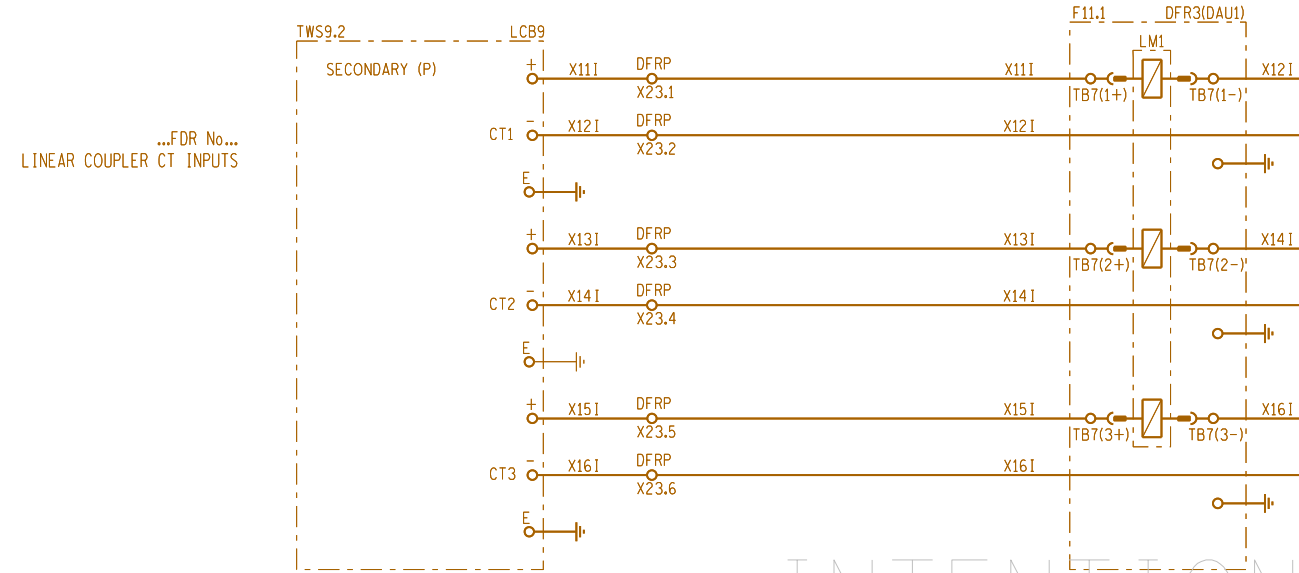
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LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71							
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	

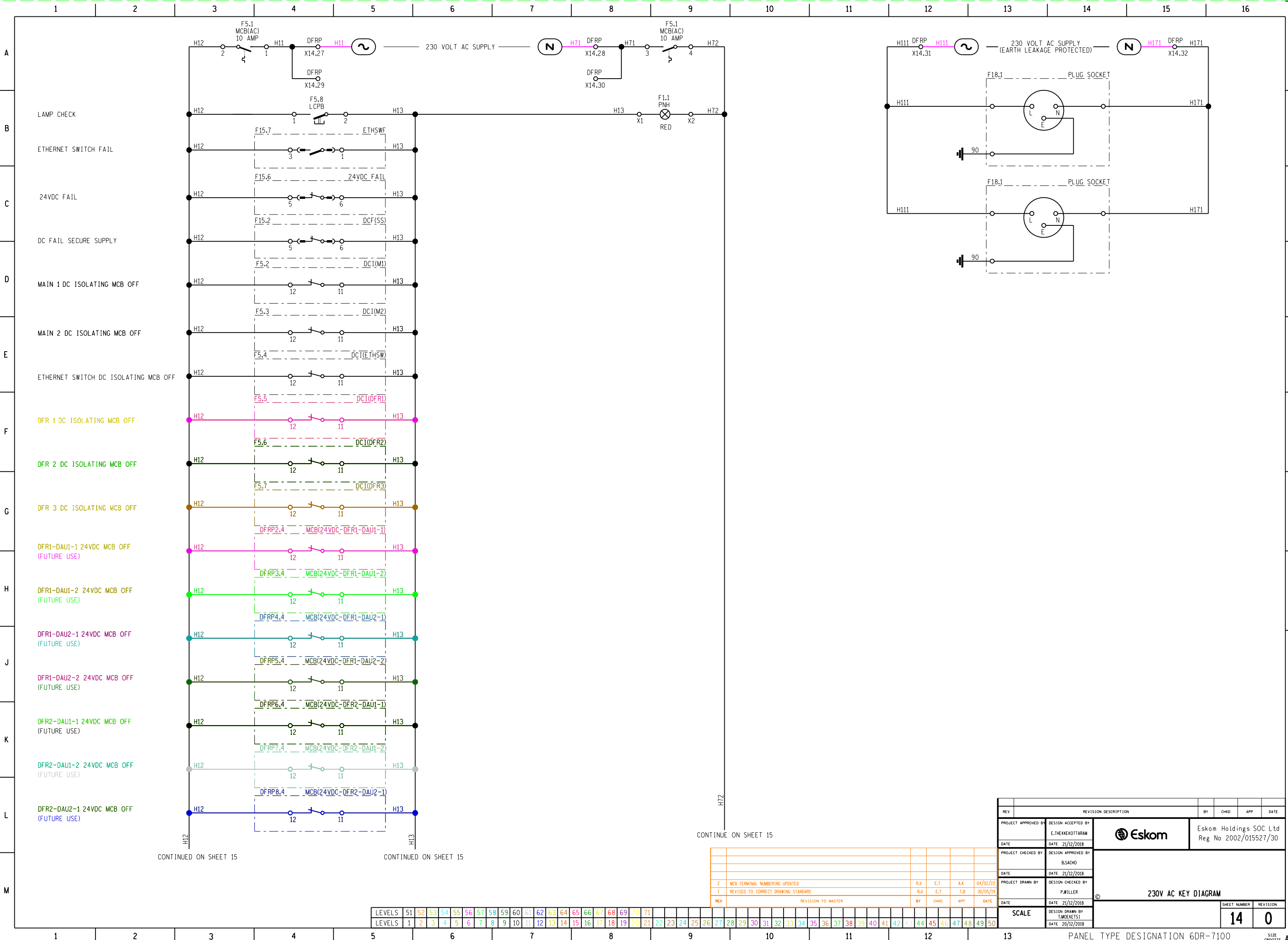
I	REVISED TO CORRECT DRAWING STANDARD	R,V	E,T	T,B	30/05/17
REV	REVISION TO MASTER	BY	CHKD	APP	DATE

REV	REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom	Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE 21/12/2018					
PROJECT CHECKED BY	DESIGN APPROVED BY	 Eskom	AC KEY DIAGRAM - TWS INPUTS			
DATE	DATE 21/12/2018					
PROJECT DRAWN BY	DESIGN CHECKED BY					
DATE	DATE 21/12/2018	 Eskom	SHEET NUMBER REVISION			
DATE	DATE 21/12/2018					
SCALE	DESIGN DRAWN BY T.MOKEKETS!	 Eskom	11 0			
	DATE 20/12/2018					



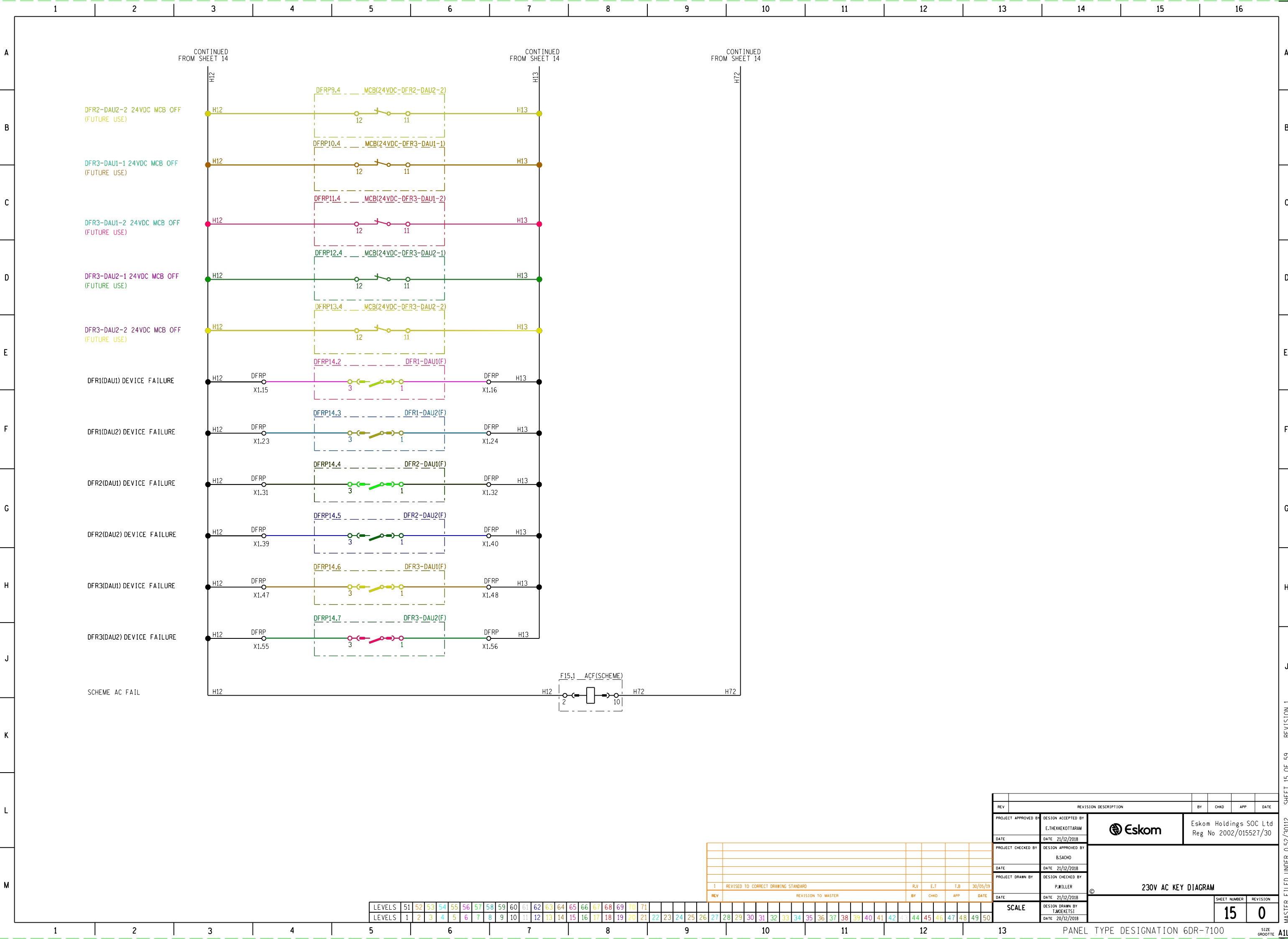
1	REVISED TO CORRECT DRAWING STANDARD	R.V.	E.T.	L.B.	30/05
REV	REVISION TO MASTER	BY	CHKD	APP	DAT

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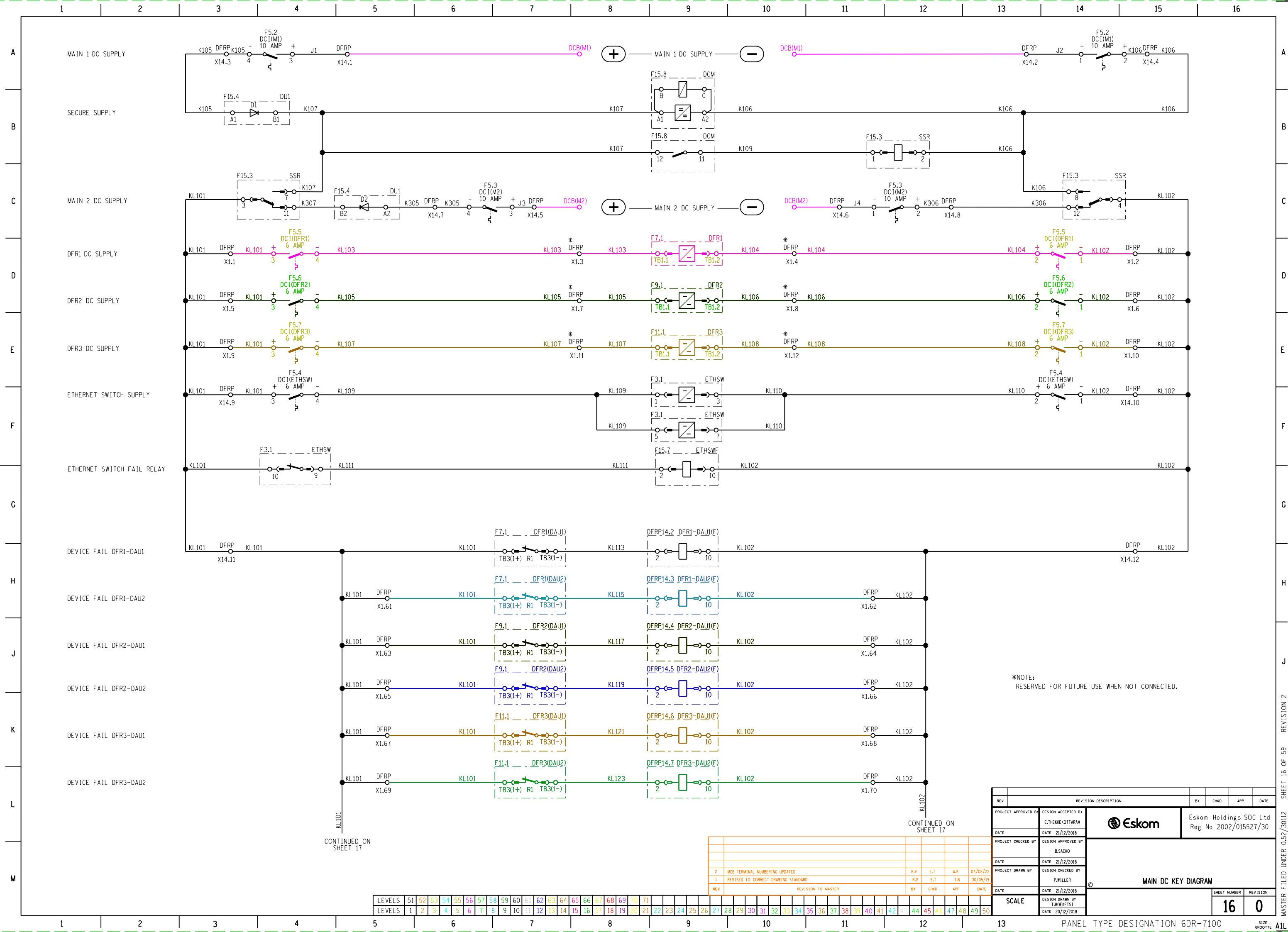


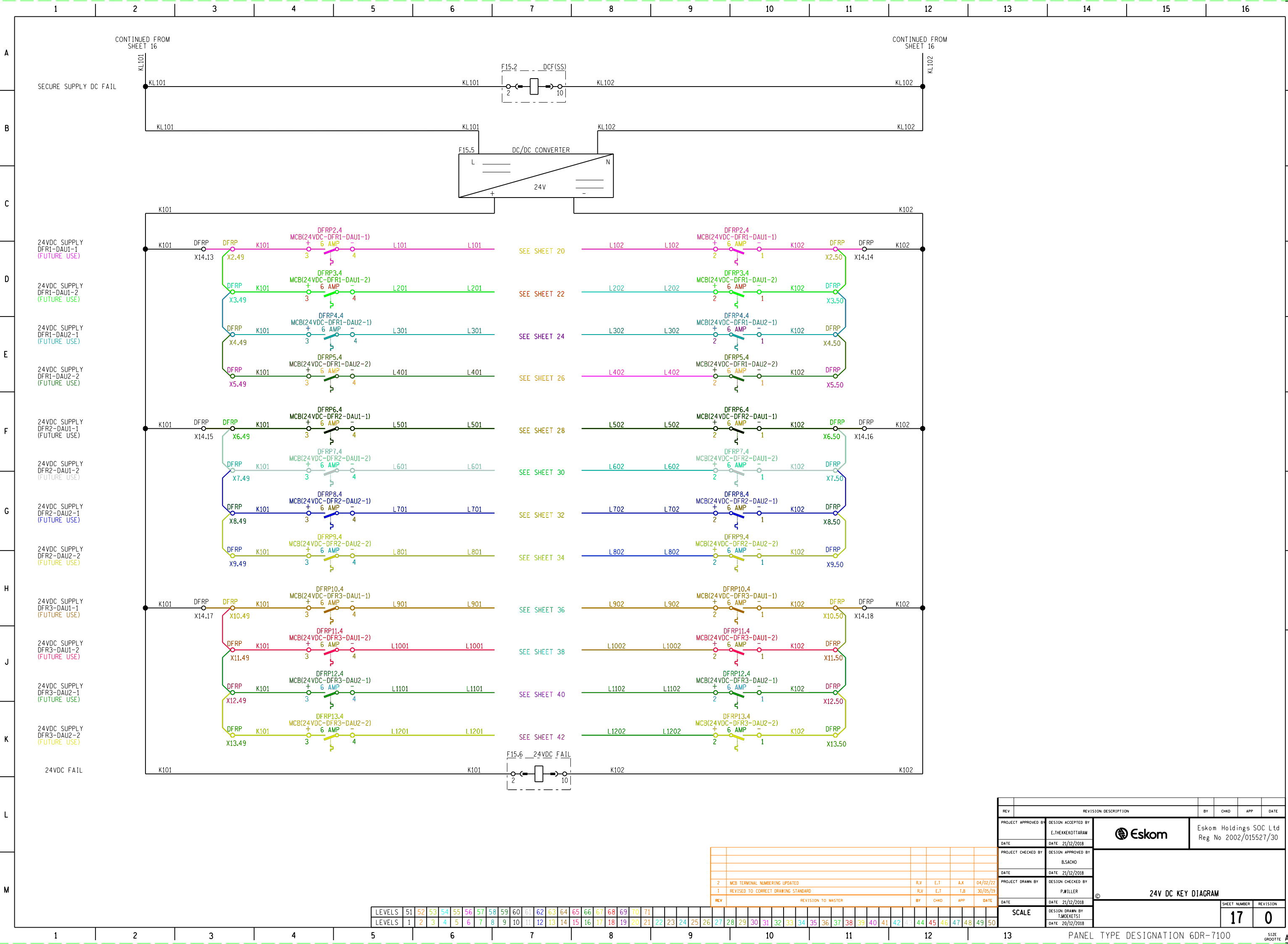
REV		REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY		DESIGN ACCEPTED BY		 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30	
		E.THEKKEKOTARAM					
DATE		DATE: 21/12/2018					
PROJECT CHECKED BY		DESIGN APPROVED BY					
		B.SACHO					
DATE		DATE: 21/12/2018					
PROJECT DRAWN BY		DESIGN CHECKED BY		© 230V AC KEY DIAGRAM			
		P.WILLER					
DATE		DATE: 21/12/2018					
SCALE		DESIGN DRAWN BY				SHEET NUMBER	REVISION
		T.MOKEKETS!S				14	0
DATE		DATE: 20/12/2018					

LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50



REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
1	REVISIION TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
2	REVISION TO MASTER	BY	CHKD	APP	DATE
1	DESIGN APPROVED BY	DESIGN ACCEPTED BY	 Eskom Holdings SOC Ltd Reg No 2002/015527/30		
2	DATE	DATE			
3	PROJECT CHECKED BY	DESIGN APPROVED BY			
4	DATE	DATE			
5	PROJECT DRAWN BY	DESIGN CHECKED BY	230V AC KEY DIAGRAM		
6	DATE	DATE			
7	SCALE	DESIGN DRAWN BY			
8	DATE	DATE			
SHEET NUMBER		REVISION			
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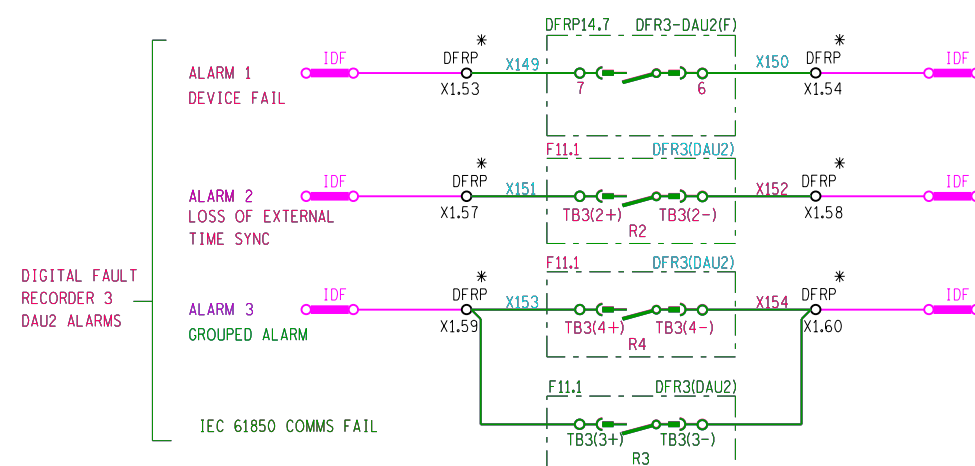
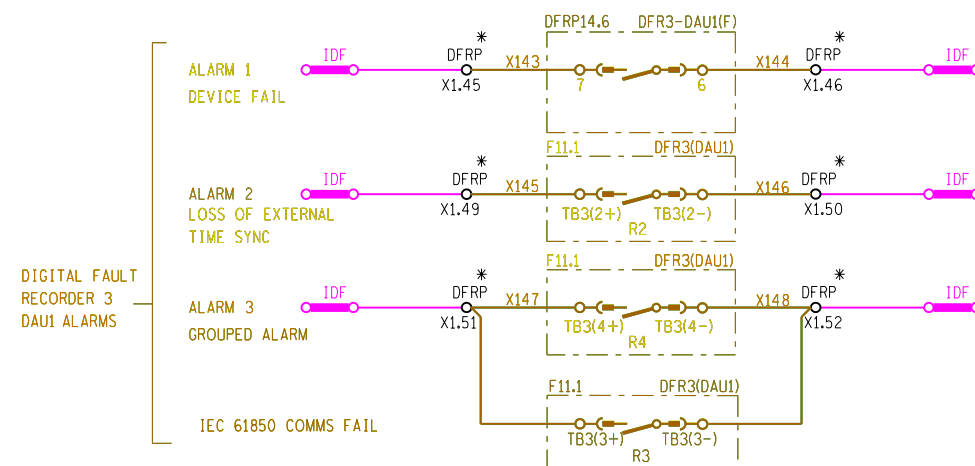
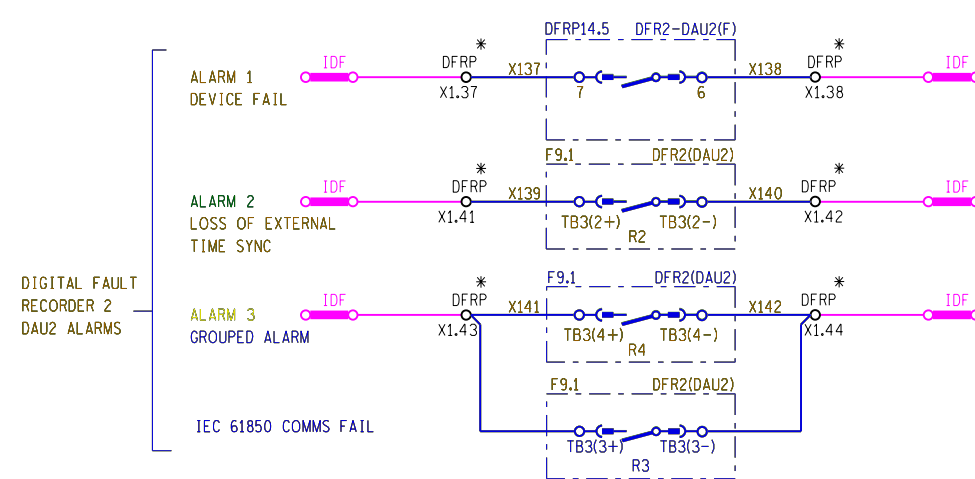
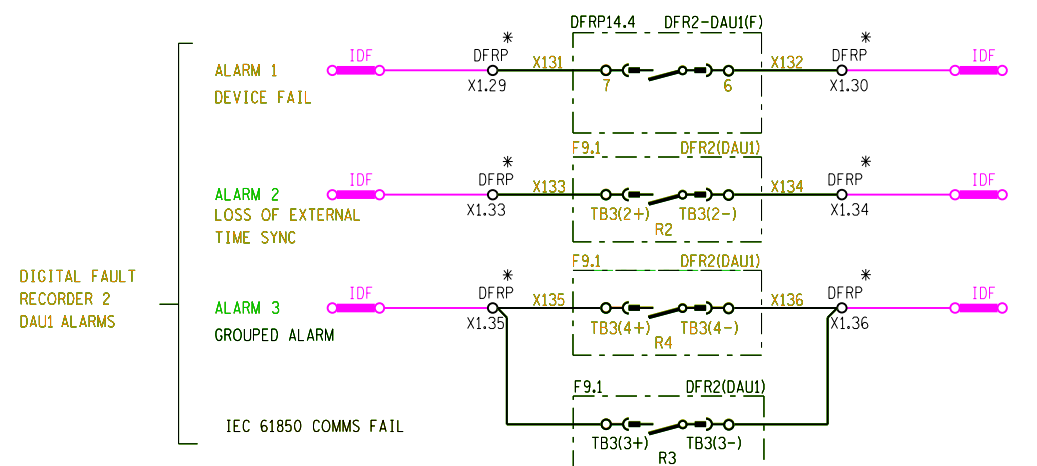
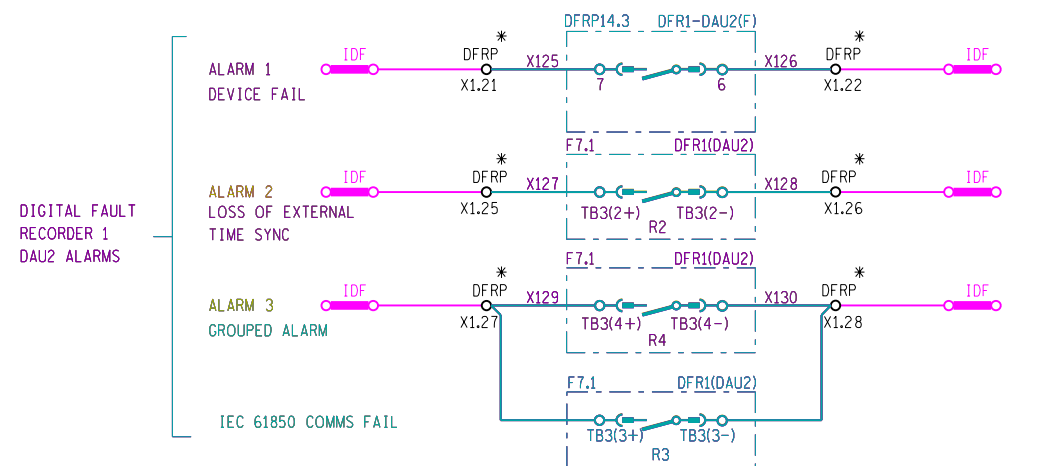
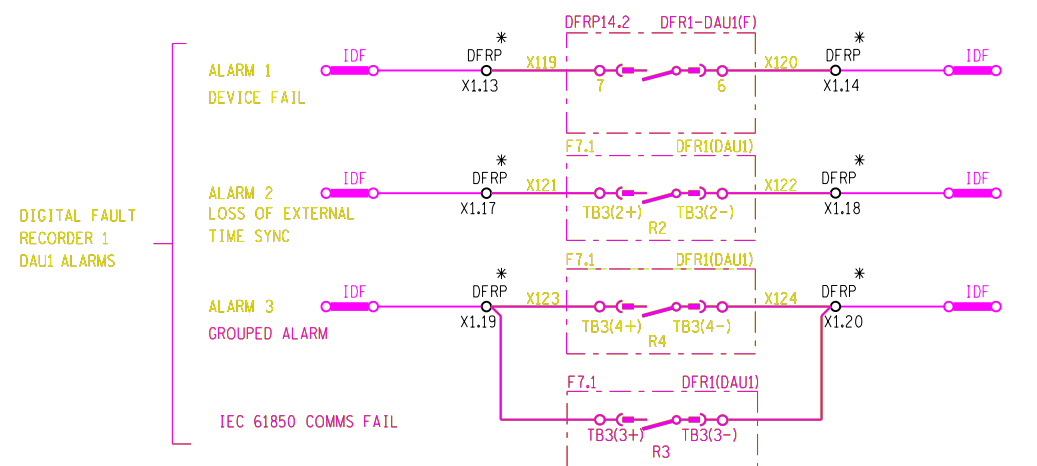
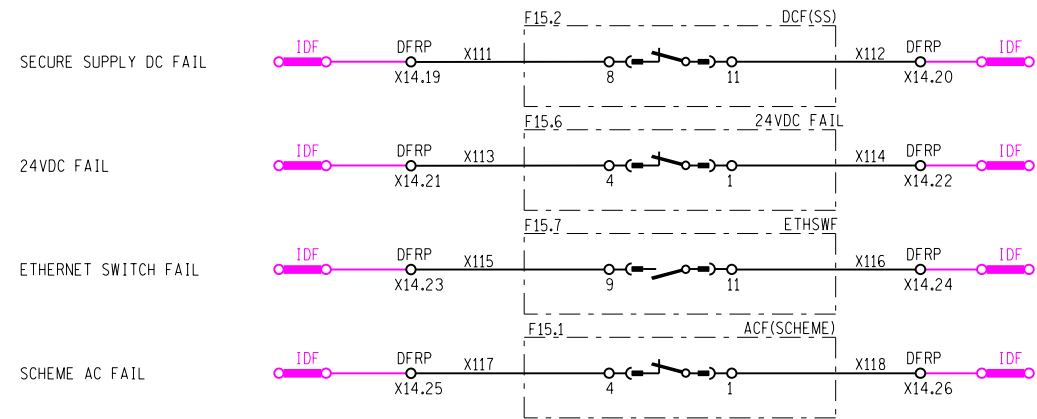




REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
2	MCB TERMINAL NUMBERING UPDATED	R.V	E.T	A.K	04/02/22
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
REV	REVISION TO MASTER	BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	Eskom Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED BY	DESIGN APPROVED BY	24V DC KEY DIAGRAM ©			
DATE	DATE				
PROJECT DRAWN BY	DESIGN CHECKED BY	17 0			
DATE	DATE				
SCALE	DESIGN DRAWN BY	SHEET NUMBER			
DATE	DATE	REVISION			

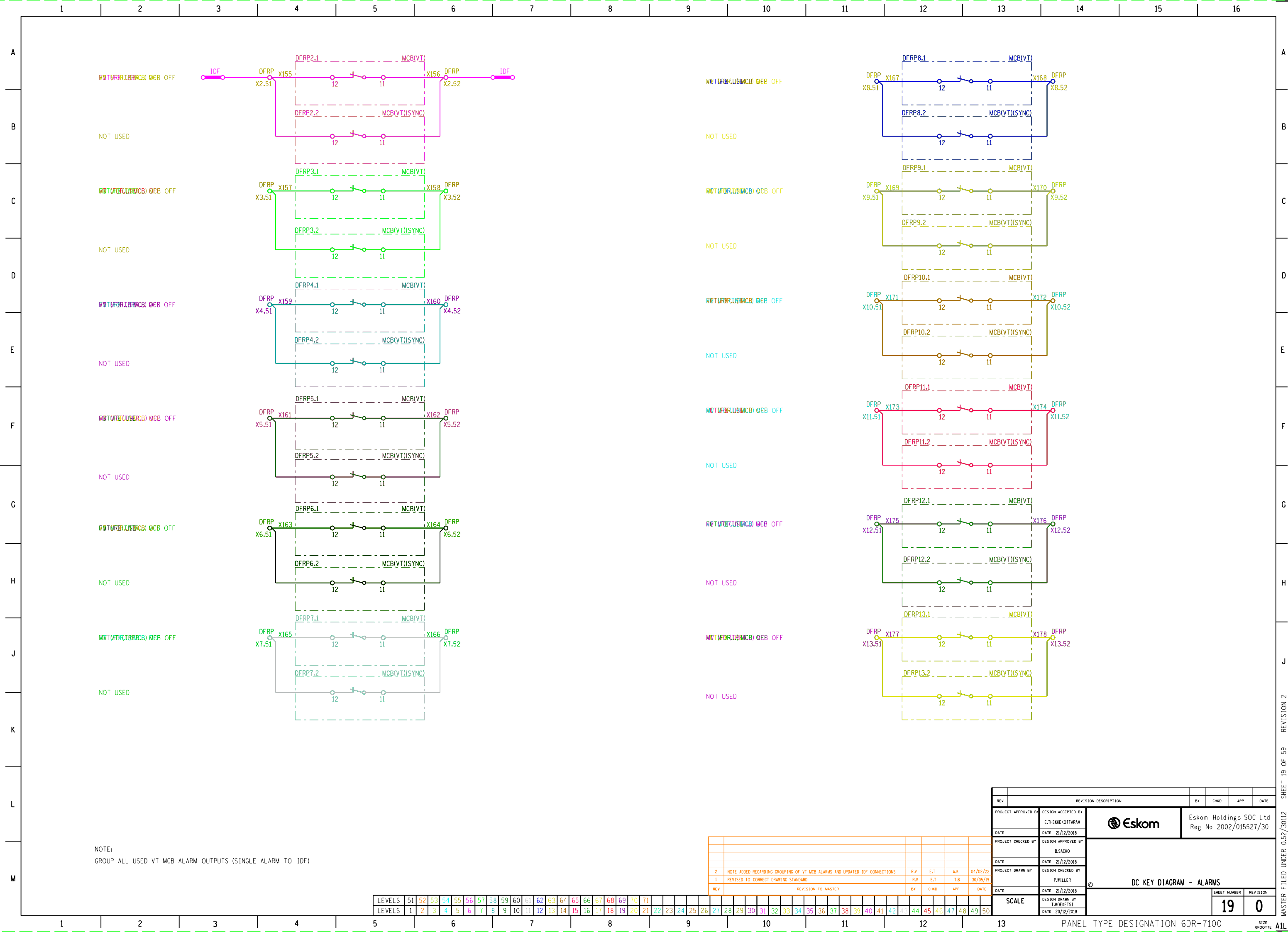
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LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

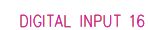
ALARMS TO IDF



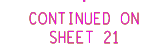
*NOTE:
RESERVED FOR FUTURE USE WHEN NOT CONNECTED.

REV	REVISION DESCRIPTION		BY	CHKD	APP	DATE				
PROJECT APPROVED BY	DESIGN ACCEPTED BY E.THEKKKOTTARAM	 Eskom	Eskom Holdings SOC Ltd Reg No 2002/015527/30							
DATE	DATE 21/12/2018									
PROJECT CHECKED BY	DESIGN APPROVED BY B.SACHO		DC KEY DIAGRAM - ALARMS							
DATE	DATE 21/12/2018									
PROJECT DRAWN BY	DESIGN CHECKED BY P.MILLER									
DATE	DATE 21/12/2018		<table><tr><td>SHEET NUMBER</td><td>REVISION</td></tr><tr><td>18</td><td>0</td></tr></table>				SHEET NUMBER	REVISION	18	0
SHEET NUMBER	REVISION									
18	0									
SCALE	DESIGN DRAWN BY T.MOEKETS!									
	DATE 20/12/2018									



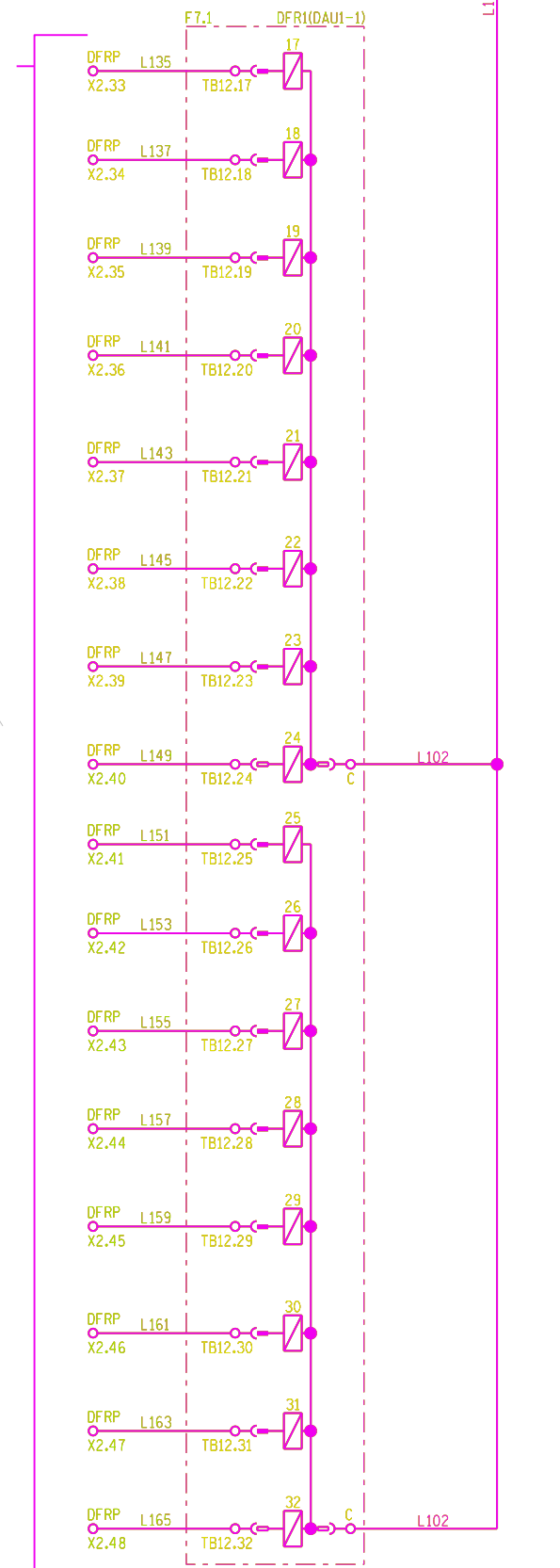


FUTURE USE



I	REVISED TO CORRECT DRAWING STANDARD					R.V	E.T	L.B	30/05/2018
REV	REVISION TO MASTER					BY	CHKD	APP	DAT

PANEL TYPE DESIGNATION 6DR-7100



I	REVISED TO CORRECT DRAWING STANDARD	R,V	E,T	T,B	30/05/17
REV	REVISION TO MASTER	BY	CHKD	APP	DATE

[illegible]



FUTURE USE



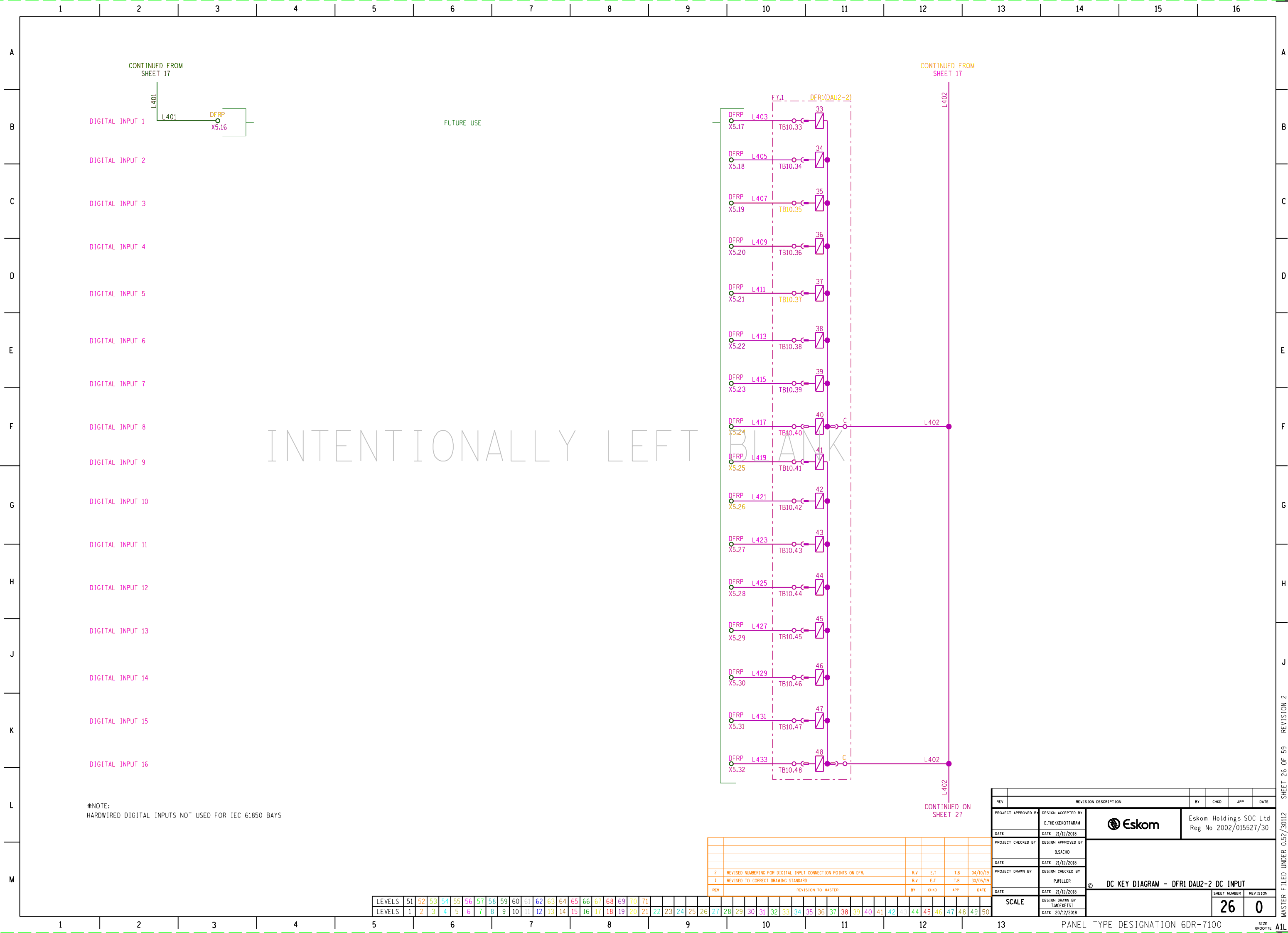
REV		REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE						
PROJECT CHECKED BY	DESIGN APPROVED BY	 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE						
PROJECT DRAWN BY	DESIGN CHECKED BY	 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE						
SCALE		 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE							
DESIGN DRAWN BY		 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE							

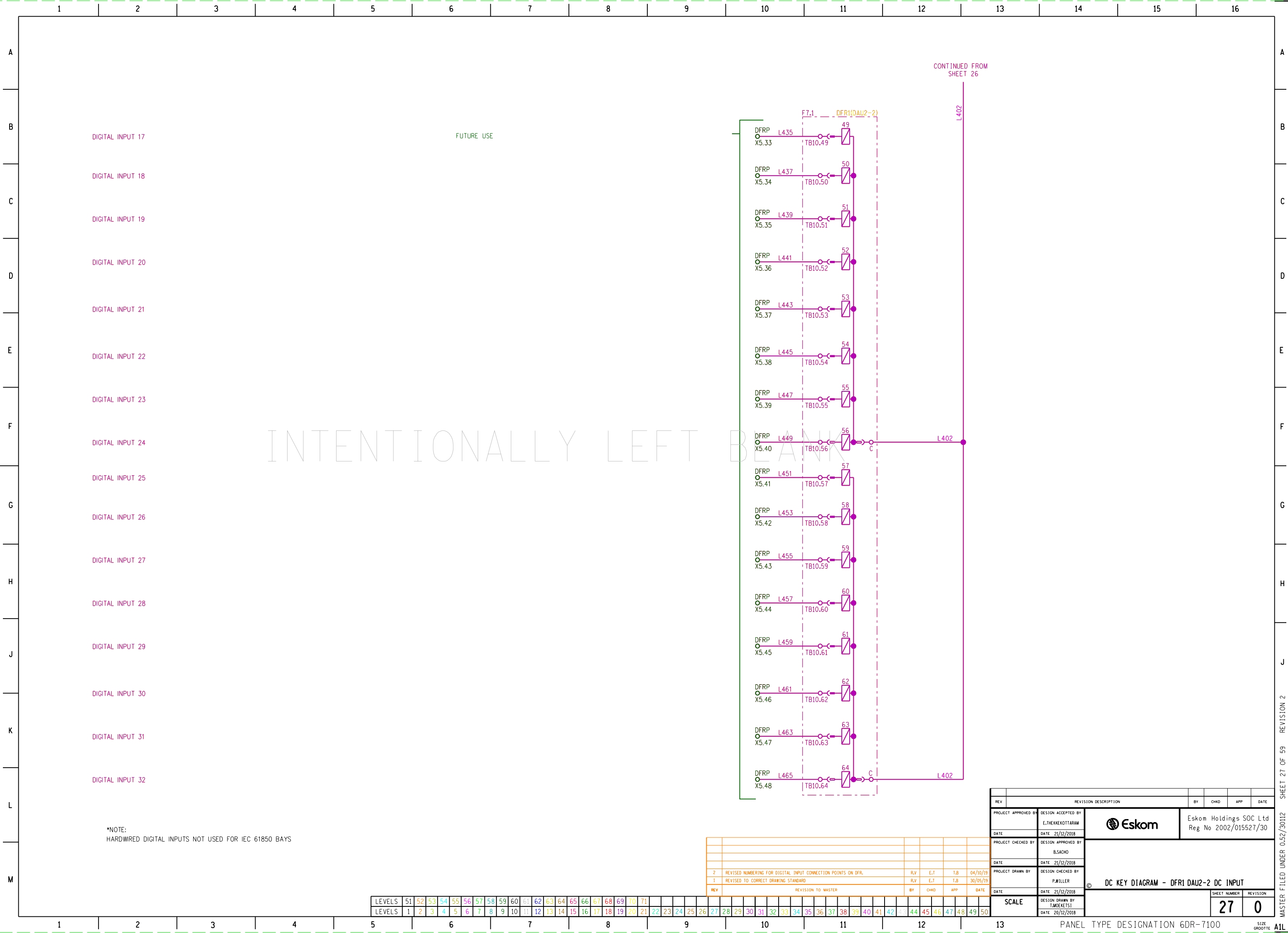


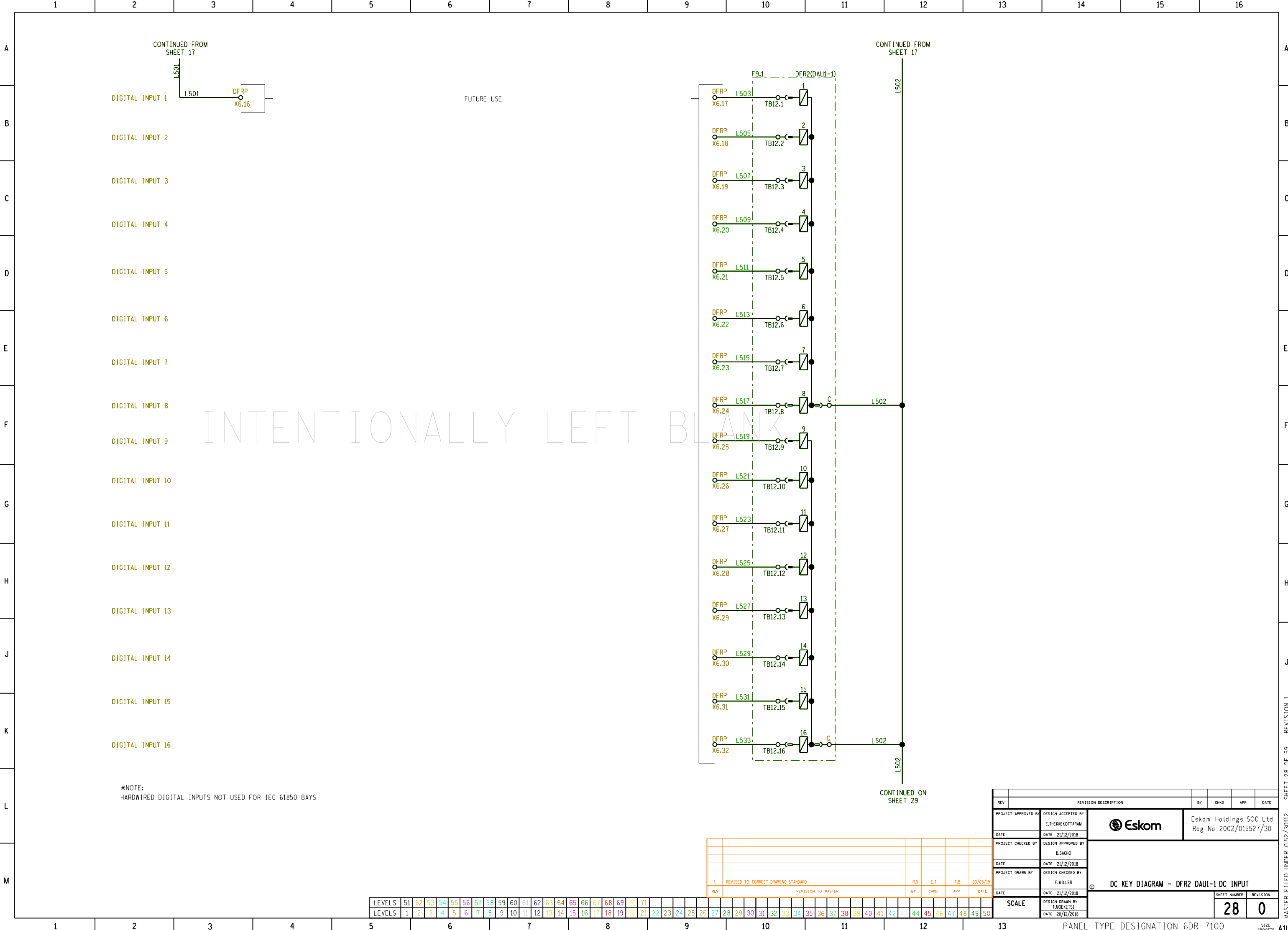
FUTURE USE



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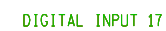
*NOTE:
HARDWIRED DIGITAL INPUTS NOT USED FOR IEC 61850 BAYS

1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
2	REVISION TO MASTER	BY	CHKD	APP	DATE

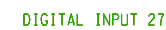
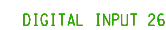
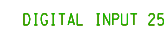
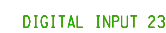
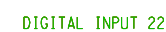
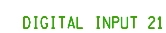
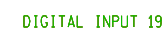
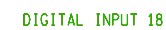
REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
1	DESIGN ACCEPTED BY E.THEKKKOTTARAM DATE 21/12/2018				
2	DESIGN APPROVED BY B.SACHO DATE 21/12/2018				
3	DESIGN CHECKED BY P.MILLER DATE 21/12/2018				
4	DESIGN DRAWN BY T.MOORETSI DATE 20/12/2018				
5	SCALE				
6	DC KEY DIAGRAM - DFR2 DAU1-1 DC INPUT				
7	SHEET NUMBER				
8	REVISION				
9	28				
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PANEL TYPE DESIGNATION 6DR-7100

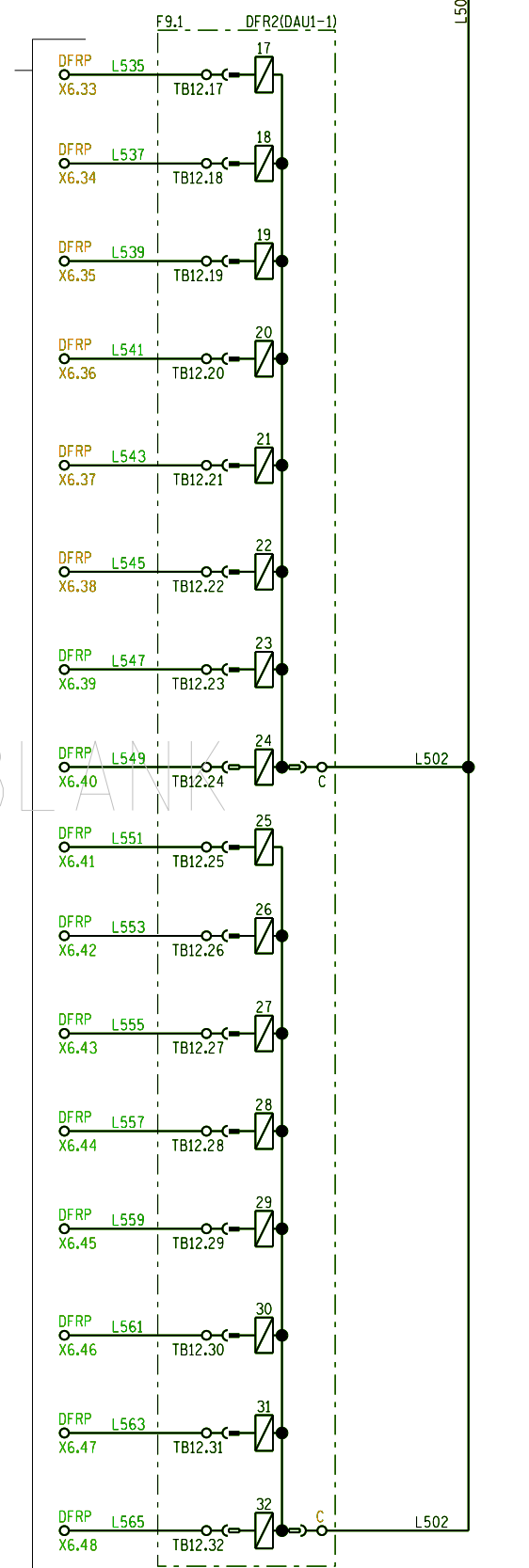
SIZE GROOTTE A1L



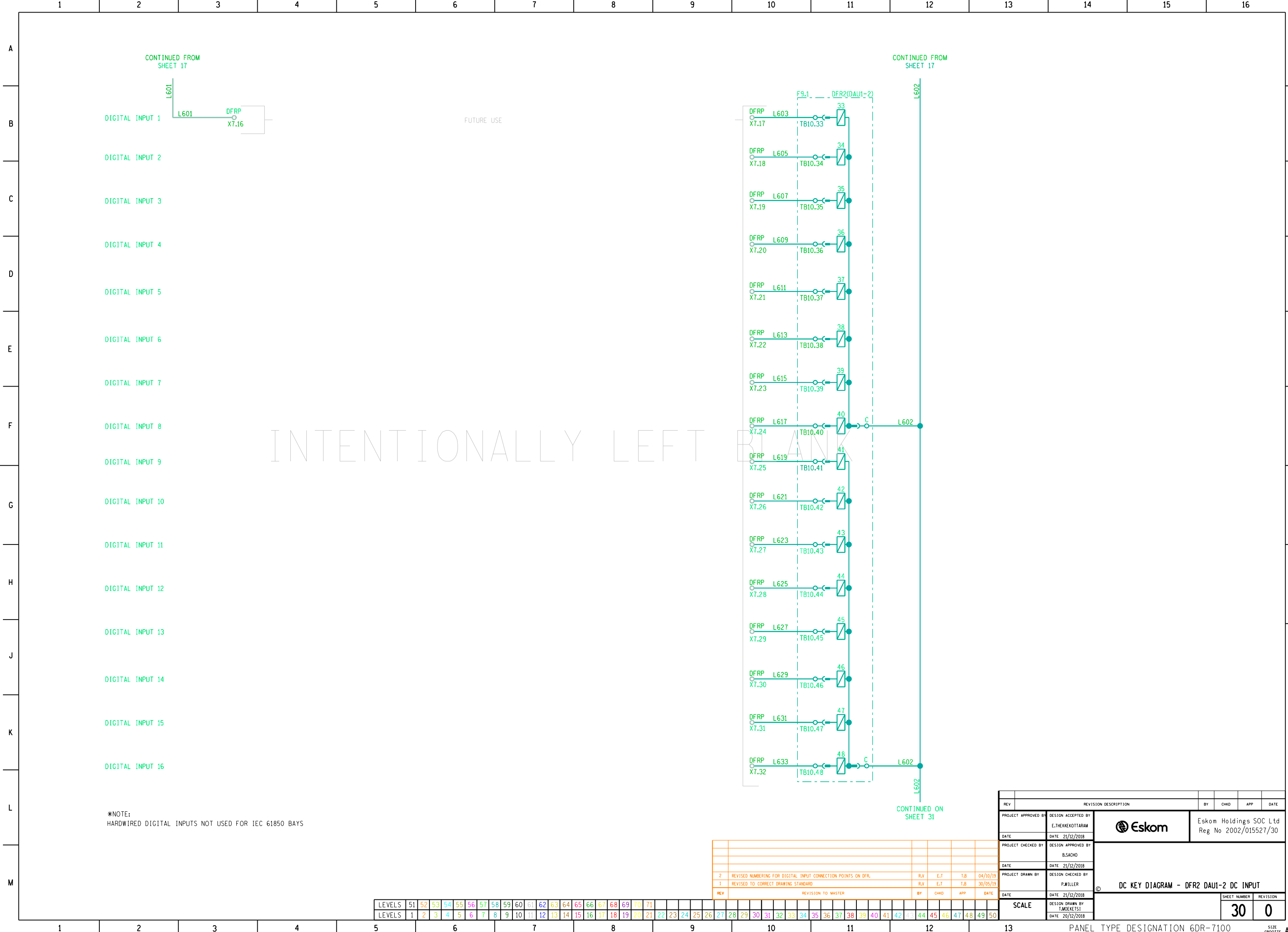
FUTURE USE



*NOTE:
HARDWIRED DIGITAL INPUTS NOT USED FOR IEC 61850 BAYS



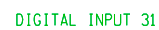
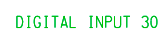
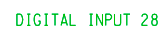
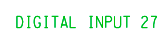
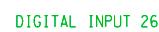
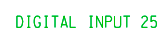
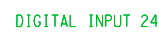
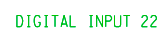
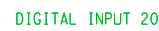
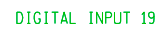
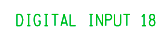
REV	REVISION DESCRIPTION		BY	CHRD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom	Eskom Holdings SOC Ltd Reg No 2002/015527/30			
	E.THEKEKOTARAM					
DATE	DATE 21/12/2018					
PROJECT CHECKED BY	DESIGN APPROVED BY	 DC KEY DIAGRAM - DFR2 DAU1-1 DC INPUT	SHEET NUMBER 29 REVISION 0			
	B.SACHO					
DATE	DATE 21/12/2018					
PROJECT DRAWN BY	DESIGN CHECKED BY					
	P.MILLER					
DATE	DATE 21/12/2018					
SCALE	DESIGN DRAWN BY					
	T.MOKEKETS!					
	DATE 20/12/2018					



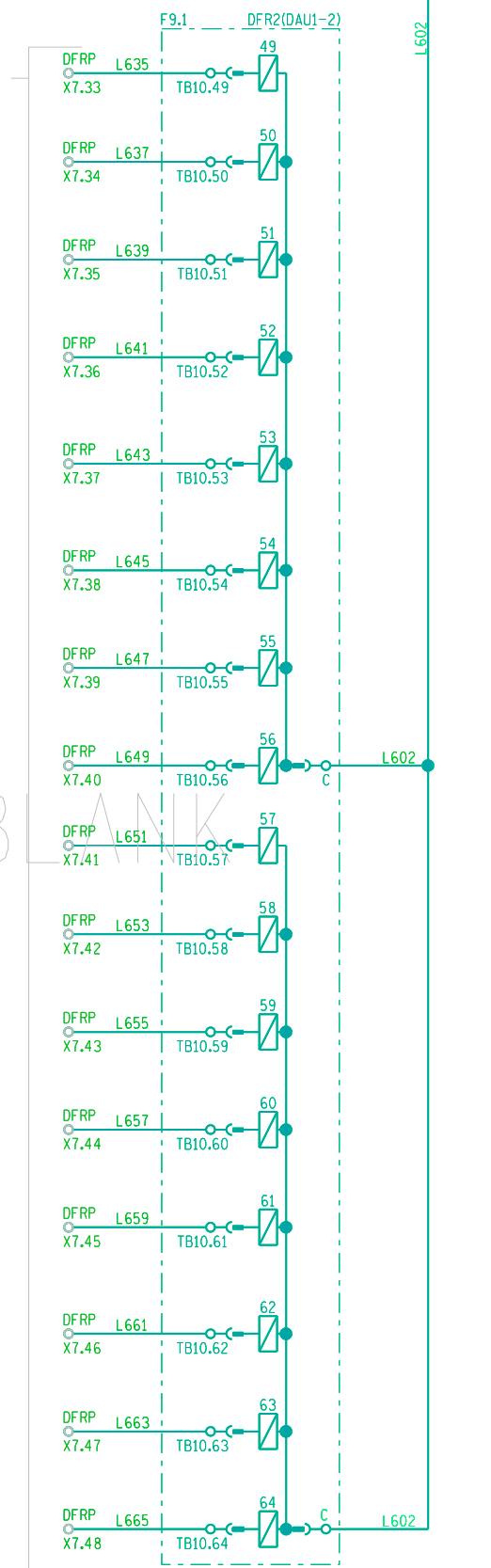
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2	REVISED NUMBERING FOR DIGITAL INPUT CONNECTION POINTS ON DFR.	R.V	E.T	T.B	04/10/19
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
REV	REVISION TO MASTER	BY	CHKD	APP	DATE

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED BY	DESIGN APPROVED BY	DC KEY DIAGRAM - DFR2 DAU1-2 DC INPUT			
DATE	DATE				
PROJECT DRAWN BY	DESIGN CHECKED BY	300			
DATE	DATE				
SCALE	DESIGN DRAWN BY	0			
	DATE				



*NOTE:
HARDWIRED DIGITAL INPUTS NOT USED FOR IEC 61850 BAYS



LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71							
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	

2	REVISED NUMBERING FOR DIGITAL INPUT CONNECTION POINTS ON DFR,	R,V	E,T	T,B	04/10/
1	REVISED TO CORRECT DRAWING STANDARD	R,V	E,T	T,B	30/05/
REV	REVISION TO MASTER	BY	CHKD	APP	DAT

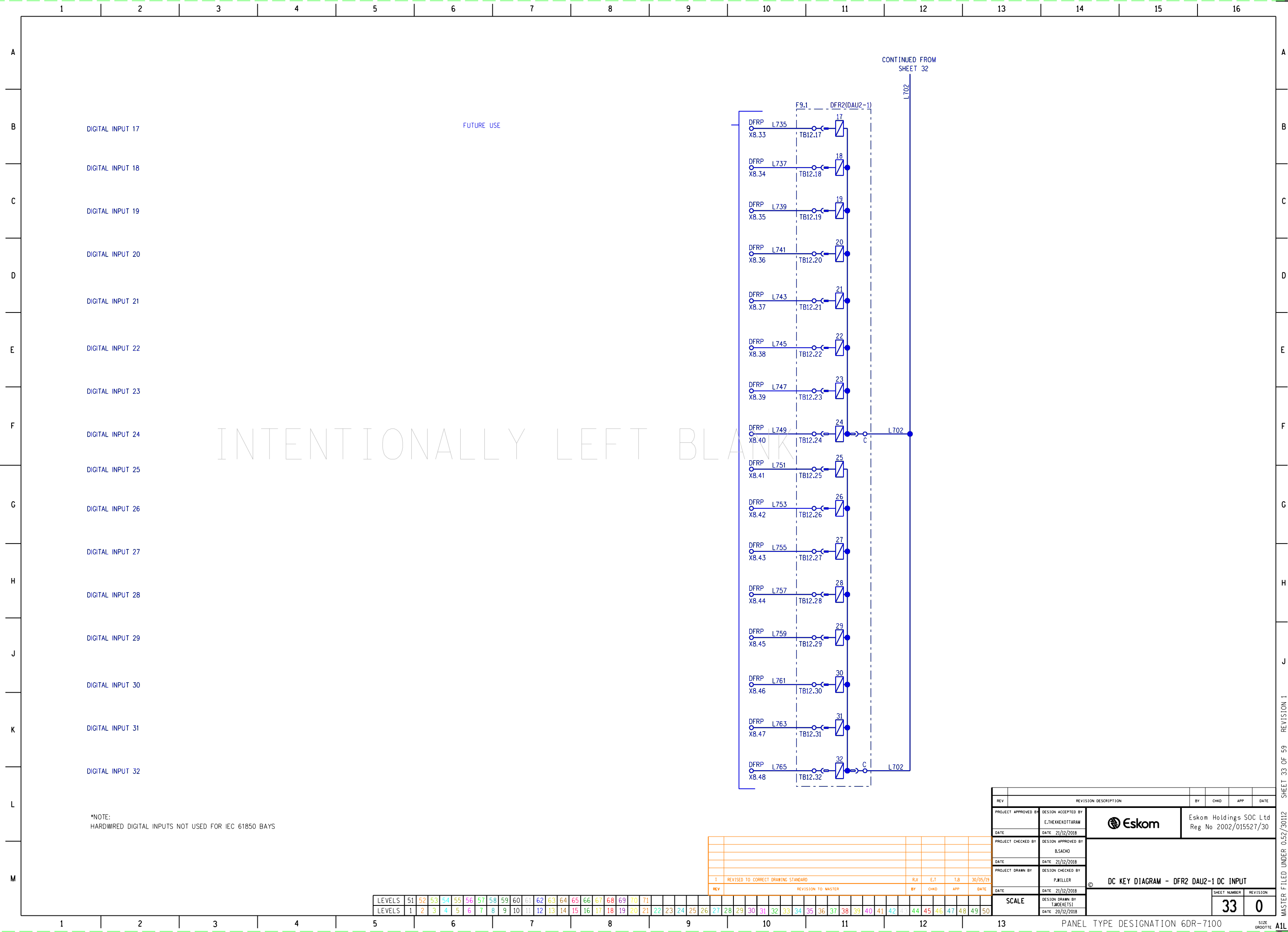
[illegible]



FUTURE USE



SHEET NUMBER	REVISION
32	0

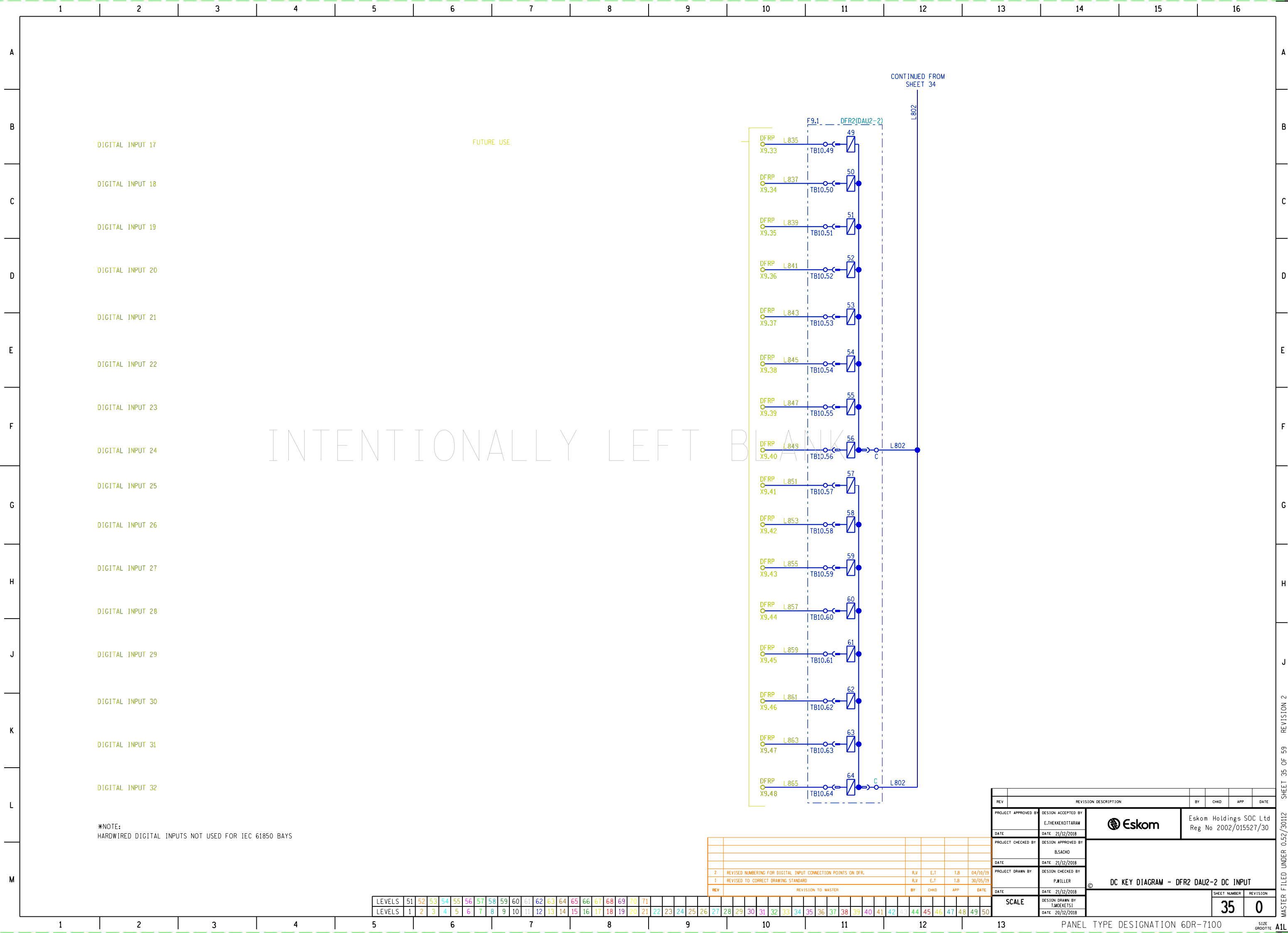




Eskom Holdings SOC Ltd
Reg No 2002/015527/30

DC KEY DIAGRAM - DFR2 DAU2-2 DC INPUT

34	0
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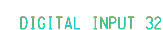
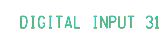
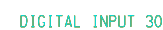
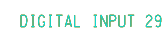
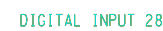
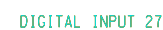
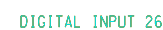
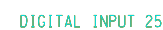
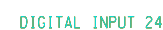
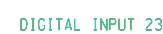
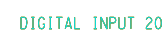
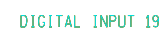
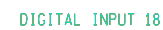
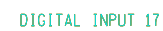




FUTURE USE

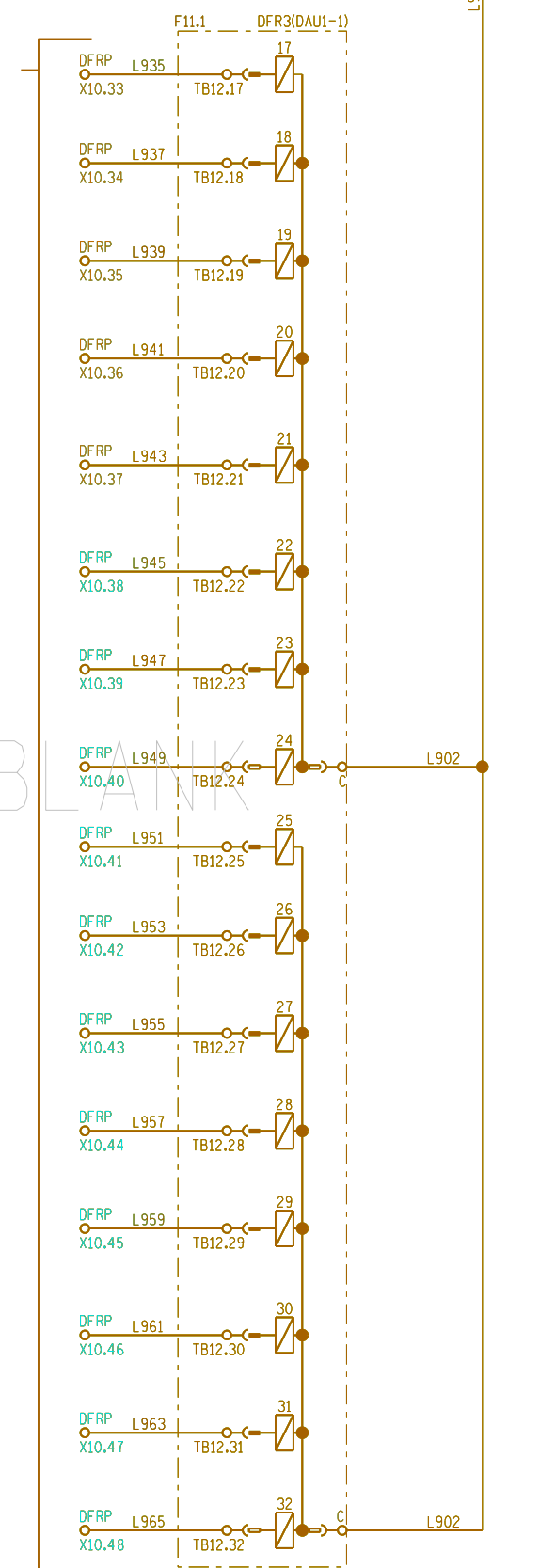


36	0
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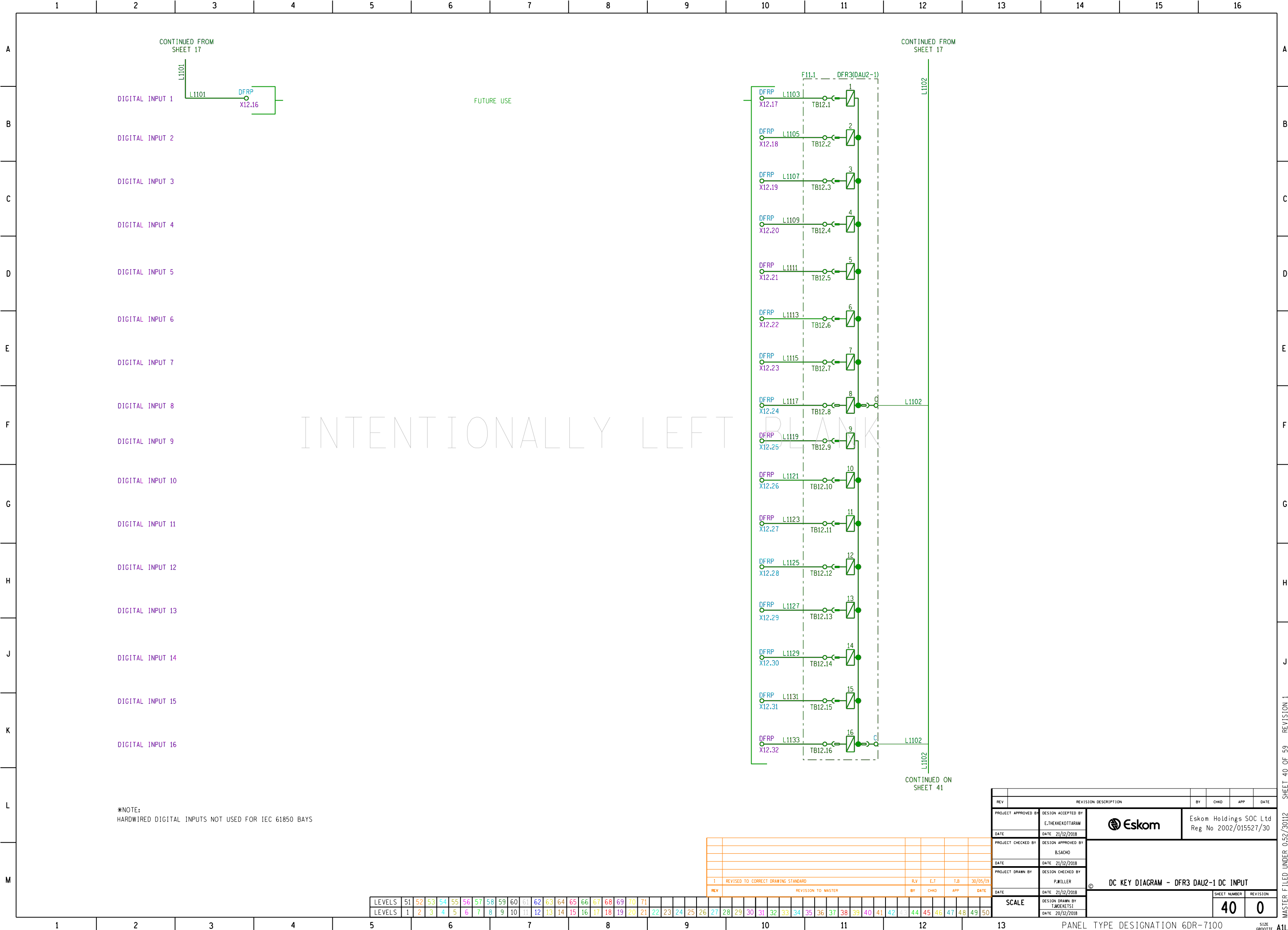
*NOTE:
HARDWIRED DIGITAL INPUTS NOT USED FOR IEC 61850 BAYS

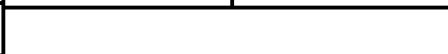
FUTURE USE



1	REVISED TO CORRECT DRAWING STANDARD					R,V	E,T	T,S	30/05/18
REV	REVISION TO MASTER					BY	CHKD	APP	DATE

REV	REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom Eskom Holdings SOC Ltd Reg No 2002/015527/30				
	E.THEKENCOTTARAM					
DATE	DATE 21/12/2018					
PROJECT CHECKED BY	DESIGN APPROVED BY	 Eskom Eskom Holdings SOC Ltd Reg No 2002/015527/30				
	B.SACHO					
DATE	DATE 21/12/2018					
PROJECT DRAWN BY	DESIGN CHECKED BY	 Eskom Eskom Holdings SOC Ltd Reg No 2002/015527/30				
	P.WILLER					
DATE	DATE 21/12/2018					
SCALE	DESIGN DRAWN BY	 Eskom Eskom Holdings SOC Ltd Reg No 2002/015527/30				
	T.MOKEETSU					
	DATE 20/12/2018					

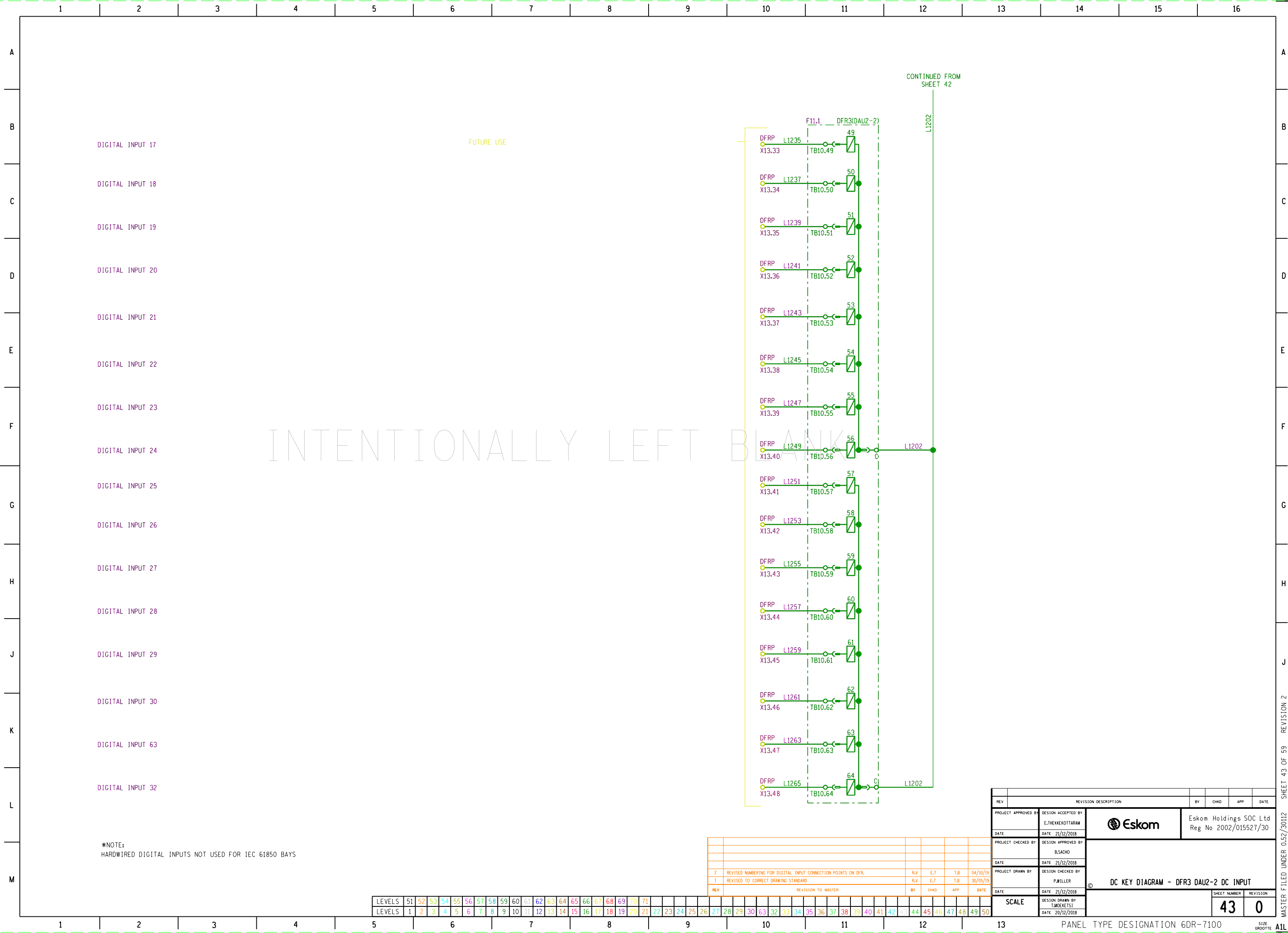


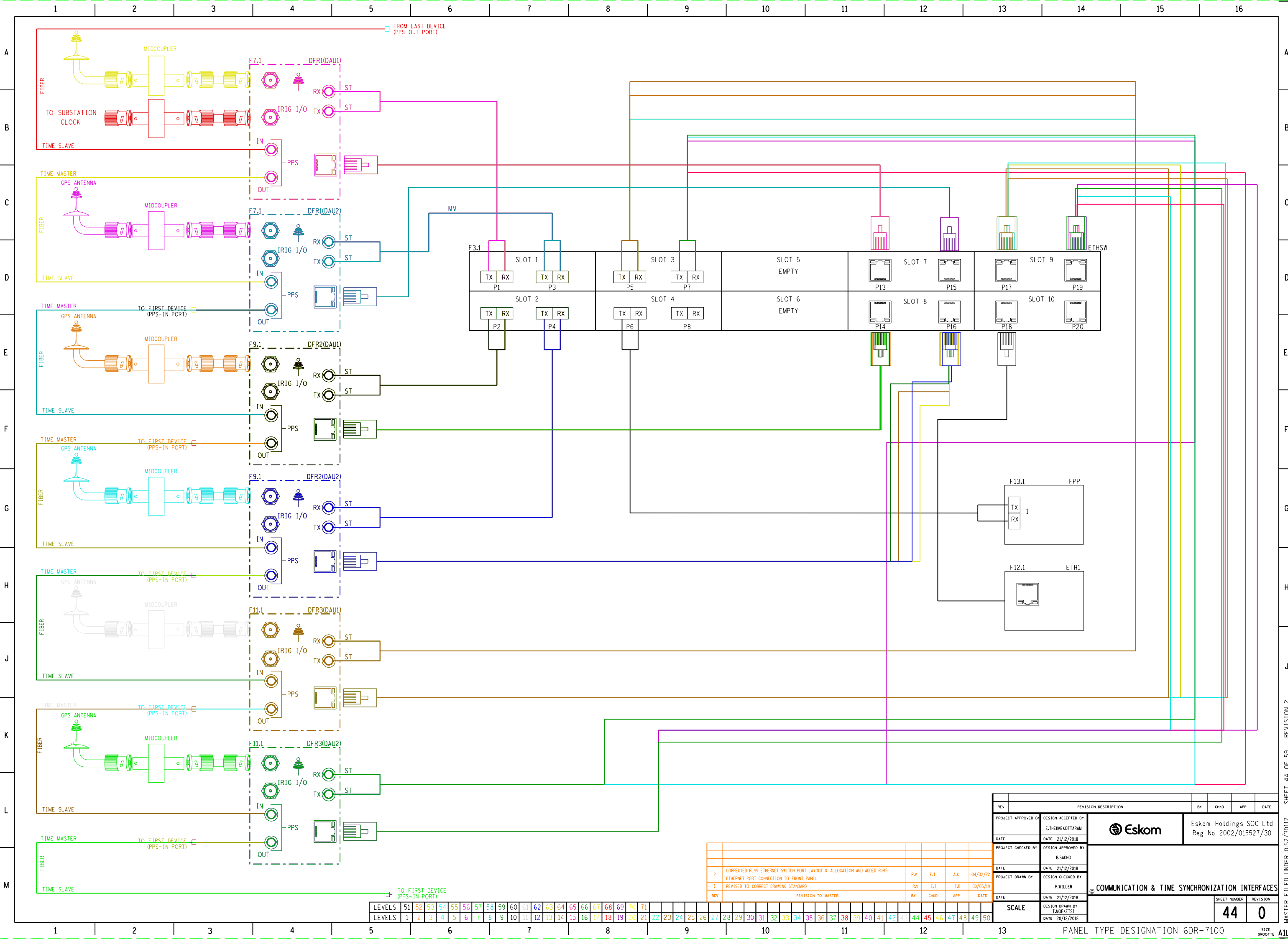
REV	REVISION DESCRIPTION		BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
	E.THEKKEKOTARAM					
DATE	DATE	21/12/2018				
PROJECT CHECKED BY	DESIGN APPROVED BY					
	B.SACHO					
DATE	DATE	21/12/2018				
PROJECT DRAWN BY	DESIGN CHECKED BY	 DC KEY DIAGRAM - DFR3 DAU2-1 DC INPUT				
	P.WILLER					
DATE	DATE	21/12/2018				
SCALE	DESIGN DRAWN BY		SHEET NUMBER		REVISION	
	T.MOKEKETS!		40		0	
	DATE		21/06/2018			

MASTER FILED UNDER 0.52/30112



	REV	REVISION DESCRIPTION		BY	CHKD	APP	DATE	
	PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom	Eskom Holdings SOC Ltd				
		E.THEKEKOTIARAM		Reg No 2002/015527/30				
	DATE	DATE	21/12/2018					
	PROJECT CHECKED BY	DESIGN APPROVED BY	 DC KEY DIAGRAM - DFR3 DAU2-2 DC INPUT					
		B.SACHO						
	DATE	DATE		21/12/2018				
	PROJECT DRAWN BY	DESIGN CHECKED BY						
		P.WILLER	 DC KEY DIAGRAM - DFR3 DAU2-2 DC INPUT					
	DATE	DATE		21/12/2018				
	SCALE	DESIGN DRAWN BY	 DC KEY DIAGRAM - DFR3 DAU2-2 DC INPUT	SHEET NUMBER		REVISION		
		T.MOKEKETS!		42		0		
		DATE	20/12/2018					





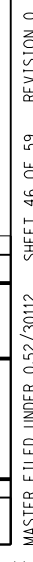
REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
1	REVISIO TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
2	CORRECTED RJ45 ETHERNET SWITCH PORT LAYOUT & ALLOCATION AND ADDED RJ45 ETHERNET PORT CONNECTION TO FRONT PANEL	R.V	E.T	A.K	04/02/22
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED BY	DESIGN APPROVED BY	© COMMUNICATION & TIME SYNCHRONIZATION INTERFACES			
DATE	DATE				
PROJECT DRAWN BY	DESIGN CHECKED BY	SCALE			
DATE	DATE				
DESIGN DRAWN BY	DATE	SHEET NUMBER			
DATE	DATE	44 0			

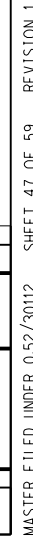
PANEL TYPE DESIGNATION 6DR-7100

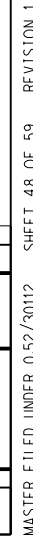
SIZE GROOTTE A1

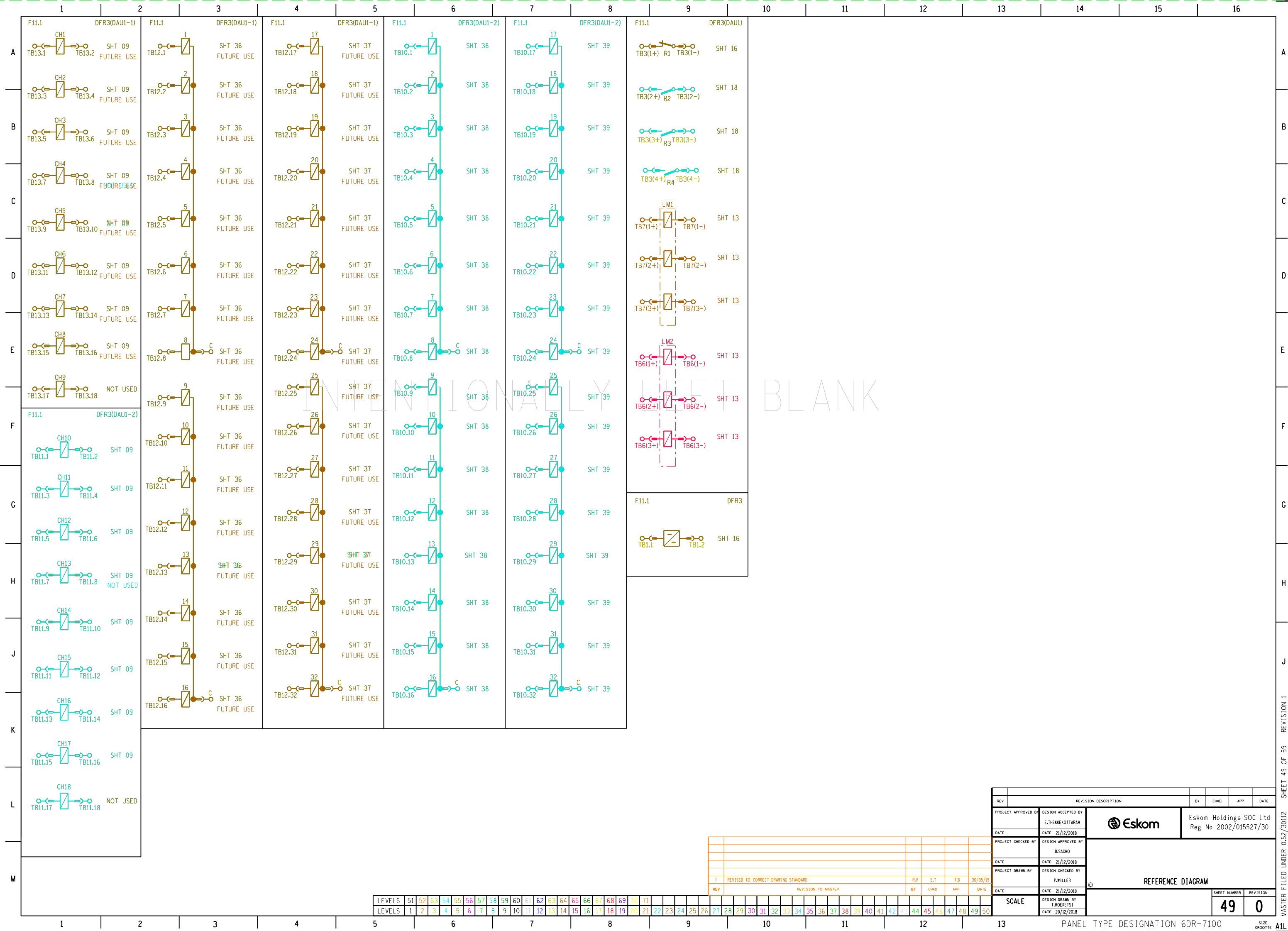
MASTER FILED UNDER 0.52/30112 SHEET 44 OF 59 REVISION 2

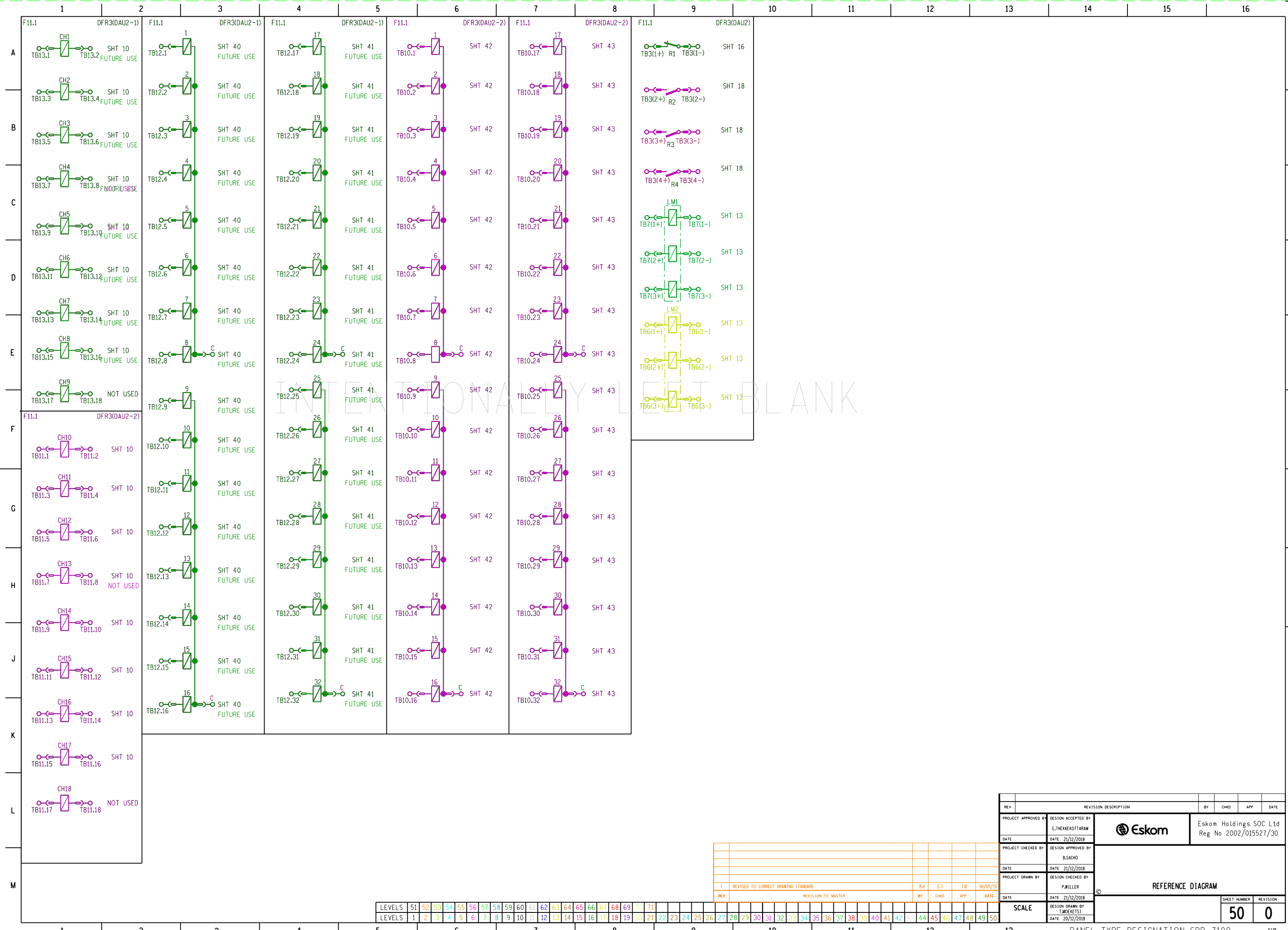






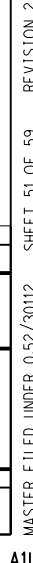


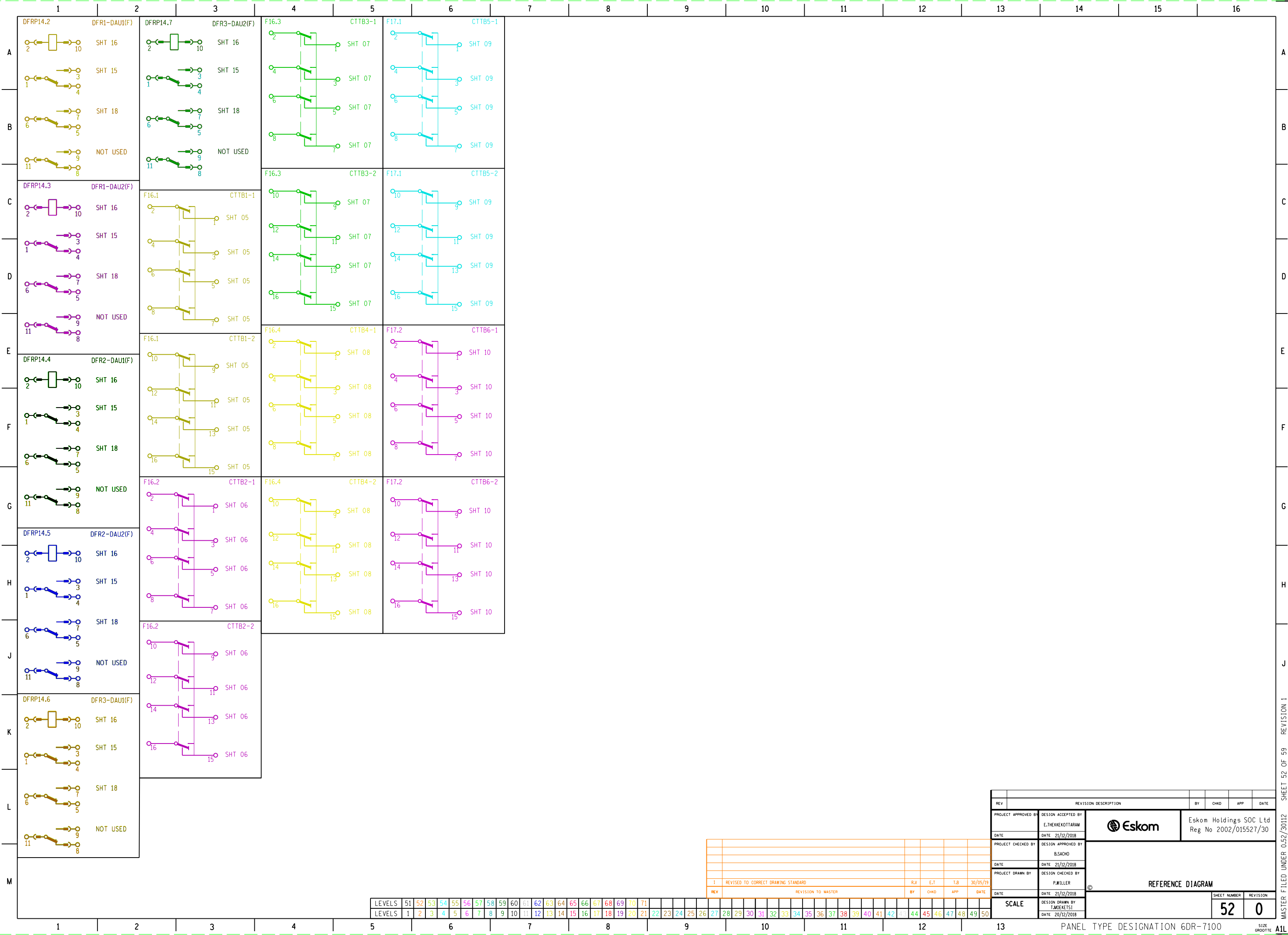




REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
2	REVISION TO MASTER	BY	CHKD	APP	DATE
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PROJECT APPROVED BY	DESIGN ACCEPTED BY		Eskom Holdings SOC Ltd Reg No 2002/015527/30
DATE	DATE 21/12/2018		
PROJECT CHECKED BY	DESIGN APPROVED BY	REFERENCE DIAGRAM	
DATE	DATE 21/12/2018		
PROJECT DRAWN BY	DESIGN CHECKED BY	SCALE	
DATE	DATE 21/12/2018		
DESIGN DRAWN BY	DATE 20/12/2018	SHEET NUMBER	REVISION
		50	0





REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
PROJECT APPROVED BY	DESIGN ACCEPTED BY	 Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED BY	DESIGN APPROVED BY	REFERENCE DIAGRAM			
DATE	DATE				
PROJECT DRAWN BY	DESIGN CHECKED BY	SCALE			
DATE	DATE				
DESIGN DRAWN BY	DATE	SHEET NUMBER		REVISION	
DATE	DATE	52		0	

PANEL TYPE DESIGNATION 6DR-7100

SIZE GROOTTE A1/L

[illegible]

Diagram illustrating the Cable Management System (CMS) for the Panel Type Designation 6DR-7100, showing three cable trays (X5, X6, X7) and their associated components.

The diagram is organized into three main sections, each representing a cable tray (X5, X6, X7) and its associated components.

Section X5 (Left):

- Future Users to IDF:** X162, X161, K102, K101, L465, L463, L461, L459, L457, L455, L453, L451, L449, L447, L445, L443, L441, L439, L437, L435, L433, L431, L429, L427, L425, L423, L421, L419, L417, L415, L413, L411, L409, L407, L405, L403, L401.
- Future Use (DFR1-DAU2)-2:** C71D, C52D, C51D, C32D, C31D, C12D, C11D, C31D, G11D, E71D, E51D, E31D, E11D.
- Digital Input Terminal Use (DFR1-DAU2)-2:** C71D, C52D, C51D, C32D, C31D, C12D, C11D, C31D, G11D, E71D, E51D, E31D, E11D.
- Future Use (DFR1-DAU2)-2:** C71D, C52D, C51D, C32D, C31D, C12D, C11D, C31D, G11D, E71D, E51D, E31D, E11D.

Section X6 (Middle):

- Future Users to IDF:** X164, X163, K102, K101, L565, L563, L561, L559, L557, L555, L553, L551, L549, L547, L545, L543, L541, L539, L537, L535, L533, L531, L529, L527, L525, L523, L521, L519, L517, L515, L513, L511, L509, L507, L505, L503, L501.
- Future Use (DFR2-DAU1)-1:** C71E, C52E, C51E, C32E, C31E, C12E, C11E, C31E, G11E, E71E, E51E, E31E, E11E.
- Digital Input Terminal Use (DFR2-DAU1)-1:** C71E, C52E, C51E, C32E, C31E, C12E, C11E, C31E, G11E, E71E, E51E, E31E, E11E.
- Future Use (DFR2-DAU1)-1:** C71E, C52E, C51E, C32E, C31E, C12E, C11E, C31E, G11E, E71E, E51E, E31E, E11E.

Section X7 (Right):

- Future Users to IDF:** X166, X165, K102, K101, L665, L663, L661, L659, L657, L655, L653, L651, L649, L647, L645, L643, L641, L639, L637, L635, L633, L631, L629, L627, L625, L623, L621, L619, L617, L615, L613, L611, L609, L607, L605, L603, L601.
- Future Use (DFR2-DAU1)-2:** C71F, C52F, C51F, C32F, C31F, C12F, C11F, C31F, G11F, E71F, E51F, E31F, E11F.
- Digital Input Terminal Use (DFR2-DAU1)-2:** C71F, C52F, C51F, C32F, C31F, C12F, C11F, C31F, G11F, E71F, E51F, E31F, E11F.
- Future Use (DFR2-DAU1)-2:** C71F, C52F, C51F, C32F, C31F, C12F, C11F, C31F, G11F, E71F, E51F, E31F, E11F.

Legend:

- NOT USED:** Indicated by a green box.
- FROM MV (DFR1-DAU2)-2:** Indicated by a green box.
- FROM MV (DFR2-DAU1)-1:** Indicated by a green box.
- FROM MV (DFR2-DAU1)-2:** Indicated by a green box.

Table 1: Cable Management System (CMS) Data

LEVELS	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90										
LEVELS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Table 2: Revision History

REV	REVISION TO MASTER	BY	CHKD	APP	DATE
1	REVISED TO CORRECT DRAWING STANDARD	R.V	E.T	T.B	30/05/19
2	UPDATED CT FERRULE NUMBERS X4,9,X11 & X13 (N = 2-13) LEVELS 29,30,32-35) DELETED VT FERRULE NUMBER X4,4 (N = 3,5,7,9,11,13) LEVELS 56-67 CHANGED FERRULE NUMBERS FOR VT SYNC CIRCUITS	R.V	E.T	A.K	04/02/22

Table 3: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 4: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 5: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 6: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 7: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 8: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 9: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 10: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 11: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 12: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 13: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 14: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 15: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 16: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 17: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 18: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 19: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 20: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 21: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 22: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 23: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 24: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 25: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 26: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 27: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 28: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 29: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 30: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 31: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 32: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 33: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 34: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 35: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 36: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 37: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 38: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 39: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 40: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 41: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 42: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 43: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
E.THEKKETARAM	E.THEKKETARAM	21/12/2018	21/12/2018

Table 44: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 45: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
P.WILLER	P.WILLER	21/12/2018	21/12/2018

Table 46: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 47: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 48: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
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Table 49: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 50: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
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Table 51: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
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Table 52: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
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Table 53: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
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Table 54: Project Information

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Table 55: Project Information

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Table 56: Project Information

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Table 57: Project Information

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SCALE	DATE	57	0

Table 58: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
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Table 59: Project Information

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Table 60: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
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Table 61: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
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Table 62: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 63: Project Information

PROJECT APPROVED BY	DESIGN ACCEPTED BY	DATE	DATE
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Table 64: Project Information

PROJECT CHECKED BY	DESIGN APPROVED BY	DATE	DATE
B.SACHO	B.SACHO	21/12/2018	21/12/2018

Table 65: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
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Table 66: Project Information

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Table 67: Project Information

SCALE	DATE	SHEET NUMBER	REVISION
SCALE	DATE	57	0

Table 68: Project Information

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Table 69: Project Information

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Table 70: Project Information

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Table 72: Project Information

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Table 73: Project Information

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Table 74: Project Information

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Table 77: Project Information

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Table 78: Project Information

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Table 82: Project Information

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Table 83: Project Information

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Table 84: Project Information

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Table 86: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
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Table 87: Project Information

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Table 91: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
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Table 92: Project Information

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SCALE	DATE	57	0

Table 93: Project Information

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Table 94: Project Information

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PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
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Table 96: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
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Table 97: Project Information

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Table 98: Project Information

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Table 99: Project Information

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Table 100: Project Information

PROJECT DRAWN BY	DESIGN CHECKED BY	DATE	DATE
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Table 101: Project Information

DESIGN DRAWN BY	DATE	SHEET NUMBER	REVISION
T.MOKETSU	20/12/2018	57	0

Table 102: Project Information

SCALE	DATE
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